

GRANITE BUILDING STONE QUARRY OF MR. DINEESH VIJAYAN

APPLICANT

Mr. DINEESH VIJAYAN
OWNER
ORATHANIYIL HOUSE,
KUDAKKACHIRA P O
PALA, KOTTAYAM
686635

PROJECT LOCATION	
Re Sy. No.	140/2, 140/2-1, 140/2-1-1,
VILLAGE	VALLICHIRA
TALUK	MEENACHIL
DISTRICT	KOTTAYAM
STATE	KERALA

THIRD HALF YEARLY COMPLIANCE REPORT

*(Ref: E.C. PROPOSAL NO. SIA/KL/MIN/163594/2020. 11.10.2022
(EC NO. 164/Q/2022))*

For the period up to

APRIL 2024 - SEPTEMBER 2024

Granite Building Stone Quarry of

Mr. Dineesh Vijayan

Vallichira,
Meenachil, Kottayam

To,

Chairman/ Member secretary

State Environmental Impact Assessment

Authority, Kerala

Sub: Environmental Clearance – Proposed quarry Project Re. Sy. Nos140/2, 140/2-1,
140/2-1-1 of Vallichira Village, Meenachil Taluk, Kottayam District, Kerala-Second Half
Compliance report-Reg.

Ref: Proposal No. SIA/KL/MIN/163594/2020 dated on. 11-10-2022 (EC No: 164/Q/2022)

Respected Sir,

Our Quarry project was accorded with Environmental Clearance vide order
1756/EC3/2020/SEIAA dtd.11/10/2022 (EC No: 164/Q/2022). The Second Half
compliance report of the specific and general conditions of the Environmental clearance is
enclosed.

Thanking You,

Your Faithfully,



Mr. Dineesh Vijayan

Owner

Granite Building stone quarry of Mr. Dineesh Vijayan

Copy to

The Regional Director

MoEF Regional Office, southern zone, Kendriya Sadan,

4th Floor,E&F Wing, II Block, Koramangala, Bangalore 560034.

TABLE OF CONTENTS

Item number	Description	Page number
I	About the proponent	4
II	About the project	5
	Project category	5
	Project location	5
	Project extent and activity	5
	Project description	5
III	Report of compliance	6-23
	Compliance of specific condition	6-8
	Compliance of general condition	8-22
IV	Annexure	
	Annexure -1: Notarized Affidavit	
	Annexure -2: E C	
	Annexure -3: EMC	
	Annexure -4: Quarrying Permit	
	Annexure -5: CER	
	Annexure -6: Panchayath Licence	
	Annexure -7: Explosive Licence	
	Annexure -8: Mines Certificate	
	Annexure -9 Lab Report	
V	Figures	
	Fig1: photograph of Compensatory afforestation	
	Fig2: photograph of Top Soil	8
	Fig:3 photographs of Garland Drain and De-siltation pond under construction	8-9
	Fig:4 Photograph showing fenced with barbed wires and all bounday indicator	13
	Fig:5 Photograph showing details of the environmental clearance prominently displayed in a metallic board	14
	Fig:6 Photographs of Magazine	14
	Fig:7 photographs of Road Black Topped	15
	Fig:8 Photograph of Topsoil/OB Dump	22

1. ABOUT THE PROPONENT

Mr. Dineesh Vijayan is the owner of Granite Building stone quarry of Mr. Dineesh Vijayan of Vallichira Village, Meenachil Taluk, Kottayam District, Kerala state.

State Environmental Impact Assessment Authority (SEIAA) Thiruvananthapuram, Kerala accorded Environmental Clearance No. 164/Q/2022 dtd.11-10-2022 to the quarry project Building stone quarry of Mr. Dineesh Vijayan of Vallichira Village and Meenachil Taluk, Kottayam District, Kerala managed by Mr. Dineesh Vijayan.

The quarry project is controlled and managed by Mr. Dineesh Vijayan, Owner of Granite Building stone quarry of Mr. Dineesh Vijayan, Orathaniyil House, Kudakkachira P.O, Pala, Kottayam— 686635; Contact Details; Phone No: 9497235695, E- mail: babuPala@gmail.com

2. ABOUT THE PROJECT

a. Project category:

The project comes under the Category B, Activity 1(a), (i) of Schedule of EIA Notification 2006 and subsequent amendments.

b. Project location:

Re Sy. No. 140/2, 140/2-1, 140/2-1-1, and at Vallichira Village Meenachil Taluk, Kottayam District, Kerala. The proposed project site falls within latitude and longitude value of

Latitude	9°46'26.37" N to 9°46'29.46" N
Longitude	76°37'43.53" E to 76°37'47.92" E

c. Project extent and activity:

The project is for quarrying of 31,505 TPA of granite building stone from an area of 0.7137 hectares of land located as specified above.

d. Project description:

The proposed project activity involves about 100 % of the pit area for exploring building stone. At the end of life of mine, excavated pit will be fully reclaimed and rehabilitated by plantation. The proposed project does not involve any underground mining activities. The mining is done by open cast semi mechanized method.

3.REPORT OF COMPLIANCE

A. SPECIFIC CONDITIONS

Item No	Stipulations in EC	Status of Compliance
S-1	The proponent shall carry out quarrying as per the approved Mining Plan and the proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.	Scrupulously follow the direction contained.
S-2	The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. The copy of the lease order should be provided to the SEIAA before commencing the mining activity.	Copy of quarrying lease is attached. (annexure:4)
S-3	The impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of peak particle velocity and amplitude for maximum charge per delay and included in the first Half Yearly Compliance Report.	Vibration test will be carried out once the quarry operation is resumed. The same will be incorporate in the next HYCR
S-4	Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.	blasting mats will be provided once the quarrying operation resume.
S-5	Green belt should be developed all along the entire buffer zone in the first year itself and it should be nurtured and maintained	Scrupulously will follow the direction contained.
S-6	Compensatory afforestation should be done prior to the commencement of mining with indigenous species and the geo coordinates of the afforested place with photographs should be provided along with HYCR.	The mining activities is just started. photograph of the compensatory afforestation is attached

Fig1: photograph of Compensatory afforestation



S-7	The overburden dump should be protected with retaining wall.	Scrupulously will follow the direction contained.
	Fig2: photograph of Top Soil Dump 	
S-8	Garland drain should be laid covering the entire project area and it should be provided with intermittent silt traps at every 10m interval, siltation pond and outflow channel. There should be three siltation ponds arranged in a series which should be made with concrete.	The Drainage system incorporating garland canal, slit traps, siltation pond are provided. The work is under progress.
	Fig3: photographs of Garland Drain and De-siltation pond under construction  	



S-9	Garland drain, silt traps, siltation pond and outflow channel should be desilted periodically and geo-tagged photographs should be incorporated in the half yearly compliance report.	The Drainage system incorporating garland canal, slit traps, siltation pond are provided. The work is under progress. Only clear water will be let out to the natural drain after subjecting to the de-siltation in three sedimentation ponds.
S-10	The CER should be implemented in total during the first two years and it should be operated and maintained during the rest of the project life till the mine closure plan is implemented in total.	CER activities were done and details regarding the CER activities are attached in the (annexure.5)
S-11	The haulage road should be maintained well.	Scrupulously will follow the direction contained.
S-12	Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).	Scrupulously will follow the direction contained.

S-13	As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the project Proponent shall prepare an Environment Management Plan (EMP) as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, indicating both physical and financial targets year wise. The EMP shall be implemented in consultation with local self Govt. Institutions. The indicated cost for CER shall be 2% of the project cost depending upon the nature of activities proposed. The follow up action on implementation of CER shall be included in the Half Yearly Compliance Report	As part of inclusive growth of the community, the project proponent executes various activities under Corporate Environment Responsibility (CER) of the firm with the consultation of Panchayath. The main activities were under the sector of education, etc. (Details is enclosed as annexure-5) Emp will also be implemented as per plan.
	which will be subjected to field inspection at regular intervals. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support.	
S-14	In the wake of occurrence of large scale landslides in the state, as per the information provided by the Department of Mining & Geology, it is directed to use only NONEL (Non Electrical) technology for blasting to reduce the vibration of the ground, which is one of the causative factors that triggers landslides, formation of cracks in the surrounding buildings and disturbance to human and wildlife.	NONEL Technology will be used for blasting.

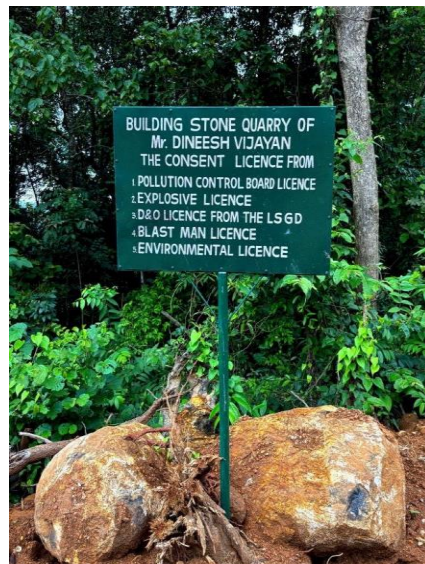
S-15	As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF & CC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.	Re grassing of the mining area will be carried out as per approved progressive quarry closure plan.
S-16	The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.	The proponent will take earnest effort to Scrupulously follow the E C Condition.

B. GENERAL CONDITIONS

Item No	Stipulations in EC	Status of Compliance
G-1	The proponent should provide notarized affidavit (indicating the number and date of Environmental Clearance proceedings) that all the conditions stipulated in the EC shall be scrupulously followed.	The proponent has provided notarized affidavit (indicating the number and date of environmental Clearance proceedings) that all the conditions stipulated in the EC has been scrupulously followed. (Details attached as Annexure 1)
G-2	All the statutory clearances should be obtained, as applicable, by the project proponent from the respective competent authorities including that for blasting and storage of explosives. Copies of all statutory clearances shall be submitted along with First Half Yearly Compliance Report.	Copies of all statutory clearances are attached in the annexure.
G-3	The project proponent should advertise in news papers that the project has been accorded Environmental Clearance and copies of clearance letters are available in the Office of State Environment Impact Assessment Authority (SEIAA) and on the website of the Authority at www.seiaakerala.in . The advertisement should be in at least two local newspapers widely circulated in the region, one of which shall be in the vernacular language. The advertisement should be made within 10 days from the date of receipt of the Environmental Clearance letter and a copy of the same signed in all pages should be forwarded to the office of this Authority as confirmation.	Already submitted on first compliance report.

G-4	The proponent shall send a copy of the EC to concerned Grama Panchayat/ District Panchayat/ Municipality/Corporation/Urban Local Body and also to the Local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The Environmental Clearance shall also be uploaded on the website of the company.	Scrupulously followed the direction contained
G-5	The lease area shall be fenced with barbed wire to a minimum height of 4ft around, before starting mining. All the boundary indicators (boards, markings, etc) shall be conspicuous and maintained at all times.	The lease area is fenced and have boundary indicators and markings.
	Figure :4 Photograph showing fenced with barbed wires and all bounday indicator 	
G-6	The details of Environmental Clearance should be prominently displayed in a metallic board of 3 ft x 3 ft with green background and yellow letters of Times New Roman font size of not less than 40. Sign board with extent of lease area and boundaries shall be depicted at the entrance of the quarry, visible to the public.	The conditions of Environmental Clearance are prominently displayed in a metallic board.

Fig.5: Photograph showing details of the environmental clearance prominently displayed in a metallic board



G-7

Explosives should be stored in magazines in isolated place specified and approved by the Explosives Department. Mats to reduce fly rock blasts to a maximum of 10 PPV should be provided.

Scrupulously follows the directions contained.(**Explosive license is attached as Annexure 7)**

Fig:6 Photographs of Magazine



G-8	Warning alarms indicating the time of blasting (to be done at specific timings) has to be arranged stipulated by Explosive Department.	Warning alarms shall be installed in the project site.
G-9	Access roads to the quarry shall be black topped to contain dust emissions that may arise during transportation of materials. The transportation of minerals should be done in covered trucks to contain dust emissions.	Scrupulously will follow the direction contained.
Fig:7 Photographs of Road Black Topped  		

G-10	A separate Environmental Management Cell (EMC) with suitable qualified personnel should be set-up under the chairmanship of a Senior Executive, who will report directly to the Head of the Organization. The Cell should have representative of Biodiversity Management Committee of the Panchayath and a representative of NGO, if any active in the area. The EMC should meet at least once in six months and review the activities and minutes should be a part of the compliance report.	A separate environmental management cell with suitable qualified personnel has been set-up under the control of a Senior Executive, who will report directly to the Head of the Organization. (Details of EMC is attached as Annexure 3)
G-11	Quarrying has to be carried out as per approved mining plan with the suggestions from SEAC incorporated and following KMMC rules 2015 and the Amendments thereby.	Scrupulously will follow the direction contained.
G-12	The quarrying operation (Blasting) shall be restricted between 7 AM and 5PM.	Scrupulously will follow the direction contained.
G-13	Rain Water Harvesting facility should be installed as per the prevailing provisions of KMBR/KPBR, unless otherwise specified. Maximum possible solar energy generation and	RWH facility will be constructed as soon as possible.
	utilization shall be ensured as an essential part of the project.	
G-14	Maximum depth of mining shall be as per the mining plan and as per specific direction of SEAC after field inspection. The maximum depth of mining should not be deeper than the local ground water table. No mining operations should be carried out at places having a slope greater than 45°.	Scrupulously will follow the direction contained.

G-15	The height of any bench shall not exceed five meters and breadth shall not be less than the height.	Scrupulously will follow the direction contained.
G-16	The Project proponent shall ensure that no perennial or intermittent natural water course and/or water resources are obstructed due to any mining operations. Necessary safeguard measures to protect the first order streams, if any, originating from the mine lease shall be taken.	Ensured that no natural water course and/or water resources were obstructed due to any mining operations
G-17	A minimum buffer distance specified as per existing rules and statutory orders shall be maintained from the boundary of the quarry to the nearest dwelling unit or other structures, and from forest boundaries or any other ecologically sensitive and archeologically important areas or the specific distance specified by SEIAA in EC as per the recommendations of SEAC depending on specific local conditions.	Minimum buffer distance of 50m from the boundary of the quarry to the nearest dwelling unit or other structure is provided. 50m buffer distance is maintained from forest boundaries

G-18	The proponent should plant seedlings at least 5 times of the loss of trees that has occurred while clearing the land for the project and follow planting measures as suggested by SEAC. Suitable avenue trees should be planted along the sides of the approach road and internal roads and open parking areas, if any. Preference should be given to endemic native and fruit bearing species. Planting in buffer areas should be taken up beforehand. Proper upkeep and maintenance of planted seedlings shall be ensured by the project proponent.	Scrupulously will follow the direction contained.
G-19	The proponent should ensure that the vegetation in the buffer is retained, maintained and strengthened with additions of native broad leaved plants.	Scrupulously followed the direction contained.
G-20	Eco-restoration including the closure of mine as per the progressive closure plan and final closure plan shall be done at the cost of the project proponent. This eco-restoration should follow scientific standards available for restoration, full recovery of the original vegetation and improving the resilience of different ecosystems. Overburden materials should be managed within the site and used for reclamation of mined pit as per mine closure plan / specific conditions.	To maintain eco restoration, periodical afforestation and maintenance of the plantation will be made, rain harvesting and dust controlling will be done. Mining will be carried by ecofriendly method.
G-21	At least 10 percent out of the total excavated pit area should be retained as water storage areas and the remaining area should be reclaimed with stacked dumping and overburden	At the time of the closure of the mine, it shall be ensured that the directions contained are scrupulously followed.

	and planted with suitable indigenous plant species, if no other specific condition on reclamation of pit is stipulated in the E.C. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining.	
G-22	Control measures on noise and vibration prescribed by KSPCB should be implemented. Quarrying activities should be limited to day time as per KSPCB guidelines/specific conditions.	Quarrying activities is limited as per KPSCB guidelines
G-23	Periodical monitoring of the vibration at specified location (preferably at a distance of 50 m and 100 m) to be conducted and records kept for inspection. This could also form a part of the compliance reports.	Scrupulously will follow the direction contained.
G-24	Speed of trucks entering or leaving the mine site is to be limited to moderate speed of 25 kmph to prevent undue noise from empty trucks.	The height and width of the benches are maintained at 5m.
G-25	Acoustic enclosures should be provided to reduce sound amplifications in addition to the provisions of green belt and hollow brick envelop for crushers so that the noise level is kept within prescribed standard limit indicated by CPCB/KSPCB.	To reduce sound amplifications green belt is provided.
G-26	Blasting should be done in a controlled manner using NONEL technique as specified by the regulations of Petroleum and explosive safety organization (GOI) or any other concerned authorized agency. A licensed person should supervise/ control the blasting operations.	Licensed person is appointed to supervise the blasting operations. (Details is attached as Annexure 8)

G-27	Measures should be taken for maintaining noise levels below 85 dBA in the work environment.	Measures have been taken for the control of noise levels below 85DbA in the work environment such as green belt is provided and regular monitoring of noise is done and indicates all the values to be within stipulated norms. (Lab report of noise is attached as annexure 9)
G-28	Project proponent should obtain necessary prior permission of the competent authorities for drawing requisite quantity of surface water and ground water for the project.	Scrupulously followed the direction contained.
G-29	Regular monitoring of flow rates and water quality upstream and downstream of the springs and perennial nallahs flowing in and around the mine lease area shall be carried out and reported in the six monthly compliance reports to SEIAA.	Regular monitoring reports indicated all the values to be within stipulated norms and are reported in the six monthly reports to SEIAA.
G-30	Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, mineral and OB dumps, to prevent run off of water and flow of sediments directly into the river and other water bodies. The water so collected should be utilized for watering the mine area, roads, and for green belt development etc. The drains shall be regularly desilted and maintained properly, particularly after monsoon.	Scrupulously will follow the direction contained.
G-31	Regular monitoring of ground water level and quality shall be carried out around the mine area during mining operation. If any stage, if it is observed that ground water table is getting depleted due to the mining activity; necessary corrective measures shall be carried out.	Scrupulously will follow the direction contained.

G-32	Garland drains and silt traps are to be provided in the slopes around the core area to channelize storm water. De-silting of Garland canal and silt traps have to be attended on a daily basis. A labour has to be specifically assigned for the purpose. The proponent shall ensure the quality of the discharging storm water as per the General Effluent Discharge Standards of CPCB.	Scrupulously will follow the direction.
G-33	In the case of any change(s) in the scope of the project, extent, quantity, process of mining technology involved or in any way affecting the environmental parameters/impacts as assessed, based on which the E.C was issued, the project would require a fresh appraisal by this Authority, for which the proponent shall apply and get the approval of this Authority. In the case of transfer of ECs, the matter shall be intimated and get the approval from the Authority as per the existing norms.	Scrupulously will follow the direction.
G-34	The stipulations by Statutory Authorities under different Acts and Notifications should be complied with, including the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and control of Pollution) Act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.	Scrupulously will follow the direction contained. (Details is enclosed as Annexure-10)
G-35	The top soil, if any, shall be temporarily stored at earmarked place (s) and used for land reclamation and plantation. The over burden (OB) generated during the mining	Topsoil and overburden removed from the site is stored at an earmarked places and use the same in future for reclamation purposes.

operations shall be stacked at earmarked dump site(s) only. The maximum height of the dumps shall not exceed 8m and width 20m and overall slope of the dumps shall be maintained at 45°. The OB dumps should be scientifically vegetated with suitable native species to prevent erosion and surface run off. At critical points, use of geo textile shall be undertaken for stabilization of the dump. Protective wall or gabions should be made around the dump to prevent erosion / flow of sediments during rains. The entire excavated area shall be backfilled.

Figure8: Photograph of Topsoil/OB Dump



G-36	All the mining equipment used in Mining like backhoe loaders and excavators cause pollution and hence shall be serviced regularly & maintained for their efficient functioning and for reducing pollution. Disposal of spent oil from diesel engines should be as specified under relevant Rules/ Regulations.	Scrupulously will follow the direction contained.
G-37	All vehicles used for transportation and within the mines shall have 'PUC' certificate from authorized pollution checking center. Washing of all vehicles shall be inside the lease area.	All the vehicles being used in the Quarry are having PUC Certificate and wheel washing facility is being made inside the lease area.
G-38	Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution such as haul road, loading and unloading points and transfer points and having high levels of PM10 and PM2.5. Monitoring of Ambient Air Quality to be carried out based on the Notification 2009, as amended from	Adequate safeguard measures to reduce emission of high levels of PM10 and PM2.5 along haul road, loading and unloading points by regular water sprinkling and wetting of haul roads. Periodical monitoring of ambient air quality reports indicated all the values to be within stipulated norms. (Lab report of air is attached as annexure 9)
	time to time by the Central Pollution Control Board.	
G-39	Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement at project site, parking area, on haul roads, loading and unloading and at transport points should be provided and properly maintained.	Scrupulously will follow the direction contained.

G-40	Corporate Environmental Responsibilities (CER) as prescribed by SEIAA/SEAC should be carried out leading to Environmental stability of the Project region. The activities carried out under CER should be a part of the half yearly compliance report. The certificates from the beneficiaries, if the CER part is completed should also be submitted to the State Environment Impact Assessment Authority (SEIAA) along with year wise expenditure.	CER activities are carried out and their details will be submitted as annexures:5
G-41	The project proponent is responsible for implementing all the provisions of labour laws applicable from time to time to quarrying/Mining operations. The workers on the site should be provided with on-site accommodation or facilities at a suitable boarding place, protective equipment such as ear muffs, helmet, etc.	Scrupulously will follow the direction contained.
G-42	The proponent has to provide insurance protection to the workers in the case of existing mining or provide the affidavit in case of fresh lease before execution of mining lease.	Insurance protection will be provided to the workers.
G-43	Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed. The report of health surveillance programme should be included in the half yearly compliance reports.	Project Proponent has established a First Aid Facility in the Quarry area and also following an efficient and approved surveillance program for workers periodically to ensure the health and safety of the workers.

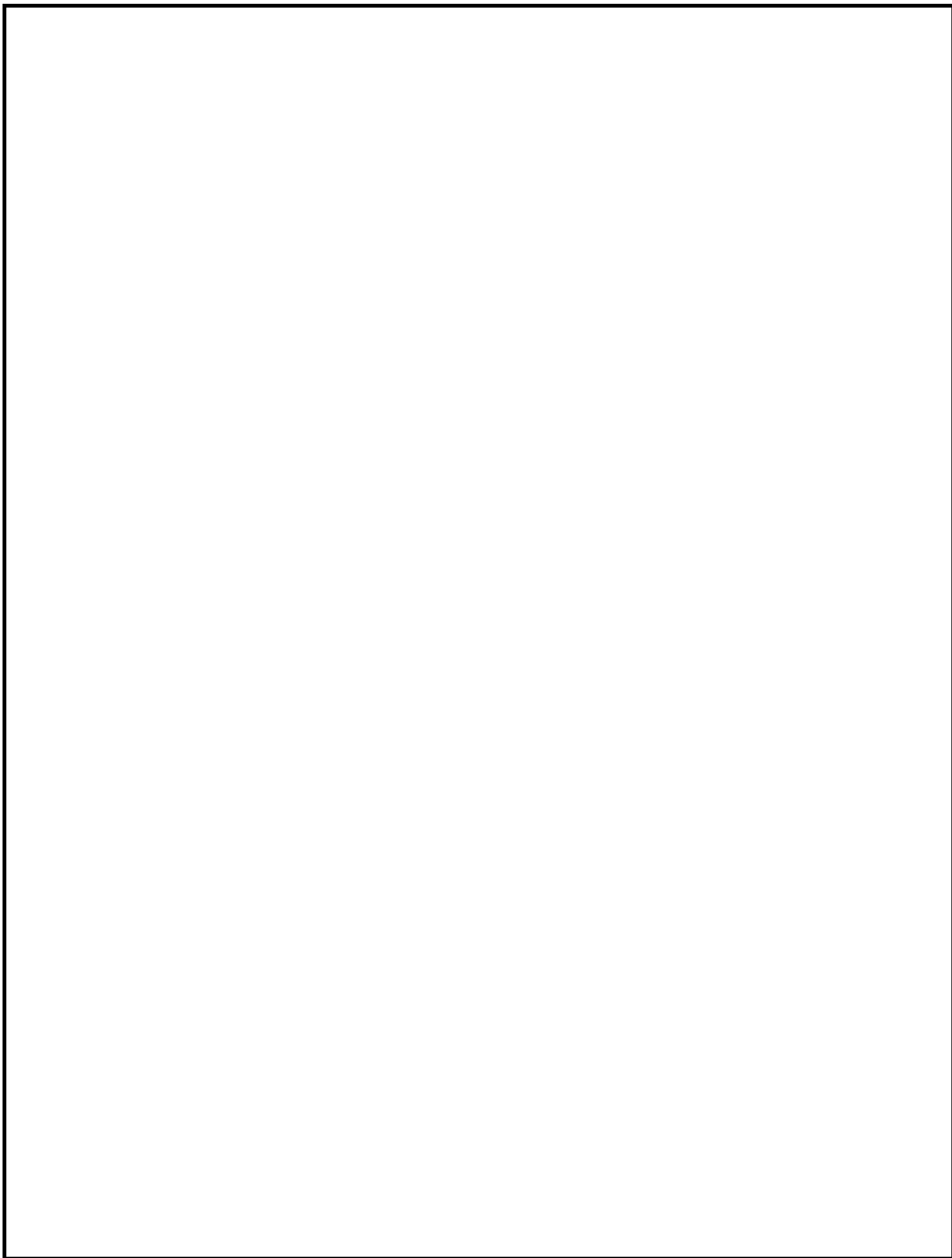
G-44	The pits in the abandoned quarries and in the mined area shall be used for activities like water harvesting, aqua culture etc. in an eco -friendly manner.	Scrupulously will follow the direction contained.
G-45	If Government land is partly or fully used for mining, the area shall be returned at the end of lease period after mine closure with separate demarcation with suitable survey marks.	Scrupulously will follow the direction contained.
G-46	Any accident occurring in the mined out area after the lease period due to negligence in carrying out safety measures and non-closure ,will lead to suspension of all EC obtained for mining by the Proponent.	Scrupulously will follow the direction contained.
G-47	In case of transfer of EC the matter shall be intimated and approval from the Authority shall be obtained as per the existing norms.	Scrupulously will follow the direction contained.
G-48	The proponent shall submit Half Yearly Compliance Reports (1st of June & 1st of December) on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) and upload the	Half yearly reports are submitted as stipulated. EC and half year compliance report is uploaded on company website https://quarryofdineeshvijayan.com/

	status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall be simultaneously sent to the respective Regional Office of Ministry of Environment, Forests and Climate Change, Govt. of India and also to the Office of State Environment Impact Assessment Authority (SEIAA). The proponent has to submit Environmental statement in form V of Environment (Protection) Rules 1986 to SPCB on 31 st March every year.	
G-49	The project authorities should extend full cooperation to the officer(s) from the Regional Office of MOEF & CC located at Bangalore/SEAC/SPCB/CPCB/dept of Mining and Geology, while monitoring compliance of the stipulated conditions, by furnishing the requisite data/information/monitoring reports.	Scrupulously will follow the direction contained.
G-50	The above conditions shall prevail notwithstanding anything to the contrary, in consistent, or simplified, contained in any other permit, license on consent given by any other authority for the same project.	Scrupulously will follow the direction contained.

G-51	The Authority reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the Environment Clearance under the provisions of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.	All the safeguard measures are done as per Environment (Protection) Act, 1986.
G-52	The EC given will be withdrawn at any time if the area is declared high hazardous by the SDMA.	Scrupulously will follow the direction contained.
G-53	The Environmental Clearance will be subject to the final order of the courts on any pending litigation related to the land or project, in any court of law.	Environmental Clearance is subjected by SEIAA. And there are no pending court cases. (Details of EC is attached as Annexure 2).
G-54	Any appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	No appeal has been done regarding grant of EC within a stipulated period of 30 days from the date of grant of EC.
G-55	Concealing the factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Scrupulously will follow the direction contained.
G-56	The SEIAA may revoke or suspend the order, for non implementation of any of the specific or any of the above conditions. The SEIAA reserves the right to alter/modify the above conditions or stipulate any further condition in the interest of environmental protection.	Scrupulously will follow the direction contained.

G-57	As per regulation no. 106(2) of metalliferous mines regulation under Mine act, the height of any bench shall not exceed six meters and breadth shall not be less than the height.	The height and breadth of benches will be maintained.
------	---	---

ANNEXURE





കേരളം KERALA

CM 829365

AFFIDAVIT

I, **DINEESH VIJAYAN**, aged 38 years, S/o Vijayan, Orathaniiyil House, Kudakkachira P.O., Pala, Kottayam - 686 635, Kerala State here solemnly affirm and declare as follows:

1. That I propose to develop a quarry project at Survey Nos.140/2, 140/2-1, 140/2-1-1 (extent 0.7137 hector) of Vallichira Village, Meenachil Taluk, Kottayam District.
2. That I will constitute an environment monitoring cell for my project.
3. That I will provide fire fighting system.
4. That I will provide system to minimize dust emission.
5. That I will provide adequate safety measures for the construction workers during the construction phase.



Dineesh
DINEESH VIJAYAN

John
6-7-2020
JOHNCY NOBLE
Advocate and Notary
Roll No. K/314/1992
Notary Reg. No: 5/2014
Pala, Kottayam (Dist), Kerala State India
Mob : 9447463922

Shilpa
MEENACHIL TALUK
(SPECIAL LICENSEE)
SHILPA K. SURESH

23 MAR 2020

No. 330

Rs. 100

മിനിയൂ വി

മാനന്താപുരം ജില്ലയിൽ
കുടാലി P.O.

08.07.2020



കേരളം KERALA

2

CM 829366

6. That I will upload the following in the website.
 - (a) EC order
 - (b) State of compliance of the stipulated EC condition.
 - (c) Results of the monitoring data and update the same periodically.
7. Send the copy of the EC to the LSG concern.

I say that whatever stated above is true and correct.

Dineesh

DEPONENT : DINEESH VIJAYAN

Literate Deponent solemnly affirm and signed before me the above at my office at Pala on 8th day of July 2020.



John
8-7-2020
JOHNCY NOBLE
Advocate and Notary
Roll No. K/314/1992
Notary Reg. No: 5/2014
Pala, Kottayam (Dist), Kerala State India
Mob : 9447463922

No. 331

Rs. 100

ദിനേഷ് വി.
കാരണാനിയിൽ
കൂടക്കച്ചിറ P.O

MEENA K. SURESH
(SPECIAL LICENSEE)
SHILPA K. SURESH

23 MAR 2020



Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment
Authority(SEIAA), Kerala)

To,

The PROPRIETOR
 GRANITE BUILDING STONE QUARRY OF MR DINEESH VIJAYAN
 DINEESH VIJAYAN, ORATHANIYIL HOUSE, KUDAKKACHIRA POST,
 PALA, KOTTAYAM -686635

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the SEIAA vide proposal number SIA/KL/MIN/163594/2020 dated 12 Aug 2020. The particulars of the environmental clearance granted to the project are as below.

1. EC Identification No.	EC22B001KL126083
2. File No.	1756/EC3/2020/SEIAA
3. Project Type	New
4. Category	B2
5. Project/Activity including Schedule No.	1(a) Mining of minerals
6. Name of Project	GRANITE BUILDING STONE QUARRY OF MR. DINEESH VIJAYAN
7. Name of Company/Organization	GRANITE BUILDING STONE QUARRY OF MR DINEESH VIJAYAN
8. Location of Project	Kerala
9. TOR Date	N/A

The project details along with terms and conditions are appended herewith from page no 2 onwards.

Date: 11/10/2022

(e-signed)
 Dr. Venu V IAS
 Member Secretary
 SEIAA - (Kerala)

Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH. Please quote identification number in all future correspondence.

This is a computer generated cover page.





PROCEEDINGS OF THE STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY – KERALA, THIRUVANANTHAPURAM

*(Present: Dr. H. Nagesh Prabhu IFS (Retd), Chairman, Shri. K. Krishna Panicker,
Member, Dr. V. Venu IAS, Member Secretary)*

**Sub: SEIAA - Environmental Clearance for the Granite Building Stone Quarry
Project of Sri. Dineesh Vijayan, Orathaniyil House, Kudakkachira
P.O, Pala, Kottayam- Granted – Orders issued.**

State Level Environment Impact Assessment Authority, Kerala

Proposal No. SIA/KL/MIN/163594/2020

File No. 1756/EC3/2020/SEIAA

Ref: 1. Application of Sri. Dineesh Vijayan received on 15/07/2020.
2. Minutes of the 130th meeting of the SEAC held from 4th to 06th July, 2022.
3. Minutes of the 117th SEIAA meeting held on 30th & 31st August 2022.
4 G.O (Rt.) No.29/2019/Env't dt.12.04.2019.

ENVIRONMENTAL CLEARANCE NO. 164/Q/2022

Sri. Dineesh Vijayan, Orathaniyil House, Kudakkachira P.O, Pala Kottayam- 686635, submitted an application for Environmental Clearance via PARIVESH on 15/07/2020 for the Granite Building Stone Quarry Project for an area of 0.7137 Ha. in Re-Sy. Nos. 140/2, 140/2-1, 140/2-1-1 of Vallichira Village, Meenachil Taluk, Kottayam, Kerala. The project details are as follows:

SL. No.	Particulars	Details
1	Name of the Project	Granite Building Stone Quarry Project of Sri. Dineesh Vijayan
2	Proposed Activity	Mining of Granite Building Stone
3	Name of the Sector & Schedule No. (in the EIA Notification, 2006)	Non Coal mining, Activity 1(a), Category B2
4	Name & Address of the Project Proponent	Sri. Dineesh Vijayan, Orathaniyil House, Kudakkachira P.O, Pala, Kottayam- 686 635
5	Project Location	
	a) Re-Survey Nos.	140/2, 140/2-1, 140/2-1-1
	b) Revenue Village	Vallichira
	c) Taluk	Meenachil
	d) District	Kottayam
6	Geo Co-ordinates	Latitude 9 ⁰ 46'26.37"N to 9 ⁰ 46'29.46"N Longitude 76 ⁰ 37'43.53"E to 76 ⁰ 37'47.92"E
7	Extent (in Acre/Hectare)	0.7137 Ha.
8	Project Cost	Rs. 1,00,00,000/-
9	Production Details	31,505 MTA
10	Water Requirement	3KLD (0.4 KLD for domestic consumption; 1.4 KLD for dust suppression and 1.2 KLD for green belt development).
11	Field Inspection Details	22.06.2022

CER Details

Year	Particulars	Amount
2023	Solar panel for Electricity generation in Government L.P School, Kudakachira. • Luminous -750 nxg UPS- 6 Number • Luminous 105 W PW Module (210 WATT)-12 Number • Luminous 40 AH Battery -6 Number.	Rs. 1,50,000/-
2024	Maintenance and service work	Rs. 25,000/-
2025	Maintenance and service work	Rs. 25,000/-
2026	Maintenance and service work	Rs. 25,000/-
2027	Maintenance and service work	Rs. 25,000/-
Total		Rs. 2,50,000/-

2. In the 130th meeting of the SEAC, the Committee examined the proposal, verified the documents and discussed the field inspection report. The total mineable reserve is 157525 MT, life of mine proposed is 5 years, maximum mine depth is 140m above MSL, depth to water table is 130m above MSL and distance to nearest built structure is 52m. Based on discussions, the Committee recommended EC for the period of 5 years with certain specific conditions in addition to the general conditions.

3. In the 117th SEIAA Meeting, the Authority decided to issue Environmental Clearance for the project life of 5 (five) years, for the quantity mentioned in the approved Mining Plan, subject to the following Specific Conditions in addition to the General Conditions.

1. The proponent shall carry out quarrying as per the approved Mining Plan and the proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.

2. The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. The copy of the lease order should be provided to the SEIAA before commencing the mining activity.

- 3. The impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of peak particle velocity and amplitude for maximum charge per delay and included in the first Half Yearly Compliance Report.*
- 4. Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
- 5. Green belt should be developed all along the entire buffer zone in the first year itself and it should be nurtured and maintained*
- 6. Compensatory afforestation should be done prior to the commencement of mining with indigenous species and the geo coordinates of the afforested place with photographs should be provided along with HYCR.*
- 7. The overburden dump should be protected with retaining wall.*
- 8. Garland drain should be laid covering the entire project area and it should be provided with intermittent silt traps at every 10m interval, siltation pond and outflow channel. There should be three siltation ponds arranged in a series which should be made with concrete*
- 9. Garland drain, silt traps, siltation pond and outflow channel should be desilted periodically and geo-tagged photographs should be incorporated in the half yearly compliance report.*
- 10. The CER should be implemented in total during the first two years and it should be operated and maintained during the rest of the project life till the mine closure plan is implemented in total.*
- 11. The haulage road should be maintained well.*
- 12. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).*

13. As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the project Proponent shall prepare an Environment Management Plan (EMP) as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, indicating both physical and financial targets year wise. The EMP shall be implemented in consultation with local self Govt. Institutions. The indicated cost for CER shall be 2% of the project cost depending upon the nature of activities proposed. The follow up action on implementation of CER shall be included in the Half Yearly Compliance Report which will be subjected to field inspection at regular intervals. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support.

14. In the wake of occurrence of large scale landslides in the state, as per the information provided by the Department of Mining & Geology, it is directed to use only NONEL (Non Electrical) technology for blasting to reduce the vibration of the ground, which is one of the causative factors that triggers landslides, formation of cracks in the surrounding buildings and disturbance to human and wildlife.

15. As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF & CC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.

16. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.

4. Environmental Clearance as per the EIA Notification, 2006 is hereby accorded for the Granite Building Stone Quarry Project of Sri. Dineesh Vijayan, Orathaniyil House, Kudakkachira P.O, Pala Kottayam- 686635, for an area of 0.7137 Ha., in Re-Sy. Nos. 140/2, 140/2-1, 140/2-1-1 of Vallichira Village, Meenachil Taluk, Kottayam, Kerala, for

the period of 5 years from the date of execution of valid mining lease/permit from the Department of Mining and Geology, as per SO 1807(E) dated 12.04.2022 of MoEF & CC, for the quantity mentioned in the approved Mining Plan, subject to the Specific Conditions in Para 3 above, and all the environmental impact mitigation and management measures undertaken by the Project Proponent in the Form I, EMP, PFR and Mining Plan submitted to SEIAA. The assurances and clarifications given by the proponent will be deemed to be a part of this Proceedings as if incorporated herein. Also the General Conditions for projects stipulated for mining (items 1 to 57), mentioned below will be applicable and have to be strictly adhered to.

5. The Environmental Clearance issued will also be subject to full and effective implementation of all the undertakings given in the Application Form, mitigation measures as assured in the Environment Management Plan and the mining features including Progressive Mine Closure Plan as submitted with the application. The above undertakings and the conditions and the undertakings in (Mining), (Blasting), (Mines Drainage), (Stacking of Mineral rejects and Disposal of waste), (Environment Management Plan) & (Progressive Mine Closure Plan) of the Mining Plan as submitted will be deemed to be part of this Proceedings as conditions as undertaken by the proponent, as if incorporated herein.

6. Validity of the Environmental Clearance will be for a period of Five (5) years from the date of execution of valid mine lease/permit from Mining & Geology Department as per SO 1807(E) dated 12.04.2022 of MoEF & CC, subject to earlier review of EC in case of violation or non-compliance of conditions or genuine complaints from residents within the security area of the quarry.

7. Compliance with the conditions herein will be monitored by the State Environment Impact Assessment Authority or its authorised offices and also by the Regional Office of the Ministry of Environment, Forest & Climate Change, Govt. of India, Bangalore. Necessary assistance for entry and inspection should be provided by the Project Proponent and those who are engaged or entrusted by him to the staff for inspection or monitoring. Instances of violation if any shall be reported to the District Collector, Kottayam.

8. The Half Yearly Compliance Report (HYCRs) with its contents, covering letter,

compliance report and environmental monitoring data have to be uploaded in the PARIVESH portal and the website of the Project Proponent. The HYCR with the name of the project, EC No and date & the period of submission should be sent to the Regional Office of MoEF & CC & to SEIAA by email only at email ID rosz.bng-mef@nic.in & seacseiaakerala@gmail.com, respectively. Hardcopy of HYCRs shall not be acceptable.

9. The given address for correspondence with the authorised signatory of the project is Sri. Dineesh Vijayan, Orathaniyil House, Kudakkachira P.O, Pala Kottayam- 686 635.

GENERAL CONDITIONS

1. The proponent should provide notarized affidavit (indicating the number and date of Environmental Clearance proceedings) that all the conditions stipulated in the EC shall be scrupulously followed.
2. All the statutory clearances should be obtained, as applicable, by the project proponent from the respective competent authorities including that for blasting and storage of explosives. Copies of all statutory clearances shall be submitted along with First Half Yearly Compliance Report.
3. The project proponent should advertise in news papers that the project has been accorded Environmental Clearance and copies of clearance letters are available in the Office of State Environment Impact Assessment Authority (SEIAA) and on the website of the Authority at www.seiaakerala.in. The advertisement should be in at least two local newspapers widely circulated in the region, one of which shall be in the vernacular language. The advertisement should be made within 10 days from the date of receipt of the Environmental Clearance letter and a copy of the same signed in all pages should be forwarded to the office of this Authority as confirmation.
4. The proponent shall send a copy of the EC to concerned Grama Panchayat/ District Panchayat/ Municipality/Corporation/Urban Local Body and also to the Local NGO, if any, from whom

suggestions/representations, if any, were received while processing the proposal. The Environmental Clearance shall also be uploaded on the website of the company.

5. The lease area shall be fenced with barbed wire to a minimum height of 4ft around, before starting mining. All the boundary indicators (boards, markings, etc) shall be conspicuous and maintained at all times.
6. The details of Environmental Clearance should be prominently displayed in a metallic board of 3 ft x 3 ft with green background and yellow letters of Times New Roman font size of not less than 40. Sign board with extent of lease area and boundaries shall be depicted at the entrance of the quarry, visible to the public.
7. Explosives should be stored in magazines in isolated place specified and approved by the Explosives Department. Mats to reduce fly rock blasts to a maximum of 10 PPV should be provided.
8. Warning alarms indicating the time of blasting (to be done at specific timings) has to be arranged stipulated by Explosive Department.
9. Access roads to the quarry shall be black topped to contain dust emissions that may arise during transportation of materials. The transportation of minerals should be done in covered trucks to contain dust emissions.
10. A separate Environmental Management Cell (EMC) with suitable qualified personnel should be set-up under the chairmanship of a Senior Executive, who will report directly to the Head of the Organization. The Cell should have representative of Biodiversity Management Committee of the Panchayath and a representative of NGO, if any active in the area. The EMC should meet at least once in six months and review the activities and minutes should be a part of the compliance report.
11. Quarrying has to be carried out as per approved mining plan with the suggestions from SEAC incorporated and following KMMC rules 2015 and the Amendments thereby.

12. The quarrying operation (Blasting) shall be restricted between 7 AM and 5PM
13. Rain Water Harvesting facility should be installed as per the prevailing provisions of KMBR/KPBR, unless otherwise specified. Maximum possible solar energy generation and utilization shall be ensured as an essential part of the project.
14. Maximum depth of mining shall be as per the mining plan and as per specific direction of SEAC after field inspection. The maximum depth of mining should not be deeper than the local ground water table. No mining operations should be carried out at places having a slope greater than 45°.
15. The height of any bench shall not exceed five meters and breadth shall not be less than the height.
16. The Project proponent shall ensure that no perennial or intermittent natural water course and/or water resources are obstructed due to any mining operations. Necessary safeguard measures to protect the first order streams, if any, originating from the mine lease shall be taken.
17. A minimum buffer distance specified as per existing rules and statutory orders shall be maintained from the boundary of the quarry to the nearest dwelling unit or other structures, and from forest boundaries or any other ecologically sensitive and archeologically important areas or the specific distance specified by SEIAA in EC as per the recommendations of SEAC depending on specific local conditions.
18. The proponent should plant seedlings at least 5 times of the loss of trees that has occurred while clearing the land for the project and follow planting measures as suggested by SEAC. Suitable avenue trees should be planted along the sides of the approach road and internal roads and open parking areas, if any. Preference should be given to endemic native and fruit bearing species. Planting in buffer areas should be taken up beforehand. Proper upkeep and maintenance of planted seedlings shall be ensured by the project proponent.

19. The proponent should ensure that the vegetation in the buffer is retained, maintained and strengthened with additions of native broad leaved plants.
20. Eco-restoration including the closure of mine as per the progressive closure plan and final closure plan shall be done at the cost of the project proponent. This eco-restoration should follow scientific standards available for restoration, full recovery of the original vegetation and improving the resilience of different ecosystems. Overburden materials should be managed within the site and used for reclamation of mined pit as per mine closure plan / specific conditions.
21. At least 10 percent out of the total excavated pit area should be retained as water storage areas and the remaining area should be reclaimed with stacked dumping and overburden and planted with suitable indigenous plant species, if no other specific condition on reclamation of pit is stipulated in the E.C. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining.
22. Control measures on noise and vibration prescribed by KSPCB should be implemented. Quarrying activities should be limited to day time as per KSPCB guidelines/specific conditions.
23. Periodical monitoring of the vibration at specified location (preferably at a distance of 50 m and 100 m) to be conducted and records kept for inspection. This could also form a part of the compliance reports.
24. Speed of trucks entering or leaving the mine site is to be limited to moderate speed of 25 kmph to prevent undue noise from empty trucks.
25. Acoustic enclosures should be provided to reduce sound amplifications in addition to the provisions of green belt and hollow brick envelop for crushers so that the noise level is kept within prescribed standard limit indicated by CPCB/KSPCB.

26. Blasting should be done in a controlled manner using NONEL technique as specified by the regulations of Petroleum and explosive safety organization (GOI) or any other concerned authorized agency. A licensed person should supervise/ control the blasting operations.
27. Measures should be taken for maintaining noise levels below 85 dBA in the work environment.
28. Project proponent should obtain necessary prior permission of the competent authorities for drawing requisite quantity of surface water and ground water for the project.
29. Regular monitoring of flow rates and water quality upstream and downstream of the springs and perennial nallahs flowing in and around the mine lease area shall be carried out and reported in the six monthly compliance reports to SEIAA.
30. Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, mineral and OB dumps, to prevent run off of water and flow of sediments directly into the river and other water bodies. The water so collected should be utilized for watering the mine area, roads, and for green belt development etc. The drains shall be regularly desilted and maintained properly, particularly after monsoon.
31. Regular monitoring of ground water level and quality shall be carried out around the mine area during mining operation. If any stage, if it is observed that ground water table is getting depleted due to the mining activity; necessary corrective measures shall be carried out.
32. Garland drains and silt traps are to be provided in the slopes around the core area to channelize storm water. De-silting of Garland canal and silt traps have to be attended on a daily basis. A labour has to be specifically assigned for the purpose. The proponent shall ensure the quality of the discharging storm water as per the General Effluent Discharge Standards of CPCB.
33. In the case of any change(s) in the scope of the project, extent, quantity, process of mining technology involved or in any way

affecting the environmental parameters/impacts as assessed, based on which the E.C was issued, the project would require a fresh appraisal by this Authority, for which the proponent shall apply and get the approval of this Authority. In the case of transfer of ECs, the matter shall be intimated and get the approval from the Authority as per the existing norms.

34. The stipulations by Statutory Authorities under different Acts and Notifications should be complied with, including the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and control of Pollution) Act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.
35. The top soil, if any, shall be temporarily stored at earmarked place (s) and used for land reclamation and plantation. The over burden (OB) generated during the mining operations shall be stacked at earmarked dump site(s) only. The maximum height of the dumps shall not exceed 8m and width 20m and overall slope of the dumps shall be maintained at 45⁰. The OB dumps should be scientifically vegetated with suitable native species to prevent erosion and surface run off. At critical points, use of geo textile shall be undertaken for stabilization of the dump. Protective wall or gabions should be made around the dump to prevent erosion / flow of sediments during rains. The entire excavated area shall be backfilled.
36. All the mining equipment used in Mining like backhoe loaders and excavators cause pollution and hence shall be serviced regularly & maintained for their efficient functioning and for reducing pollution. Disposal of spent oil from diesel engines should be as specified under relevant Rules/ Regulations.
37. All vehicles used for transportation and within the mines shall have 'PUC' certificate from authorized pollution checking centre. Washing of all vehicles shall be inside the lease area.
38. Effective safeguard measures such as regular water sprinkling shall

be carried out in critical areas prone to air pollution such as haul road, loading and unloading points and transfer points and having high levels of PM₁₀ and PM_{2.5}. Monitoring of Ambient Air Quality to be carried out based on the Notification 2009, as amended from time to time by the Central Pollution Control Board.

39. Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement at project site, parking area, on haul roads, loading and unloading and at transport points should be provided and properly maintained.
40. Corporate Environmental Responsibilities (CER) as prescribed by SEIAA/SEAC should be carried out leading to Environmental stability of the Project region. The activities carried out under CER should be a part of the half yearly compliance report. The certificates from the beneficiaries, if the CER part is completed should also be submitted to the State Environment Impact Assessment Authority (SEIAA) along with year wise expenditure.
41. The project proponent is responsible for implementing all the provisions of labour laws applicable from time to time to quarrying /Mining operations. The workers on the site should be provided with on-site accommodation or facilities at a suitable boarding place, protective equipment such as ear muffs, helmet, etc.
42. The proponent has to provide insurance protection to the workers in the case of existing mining or provide the affidavit in case of fresh lease before execution of mining lease.
43. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed. The report of health surveillance programme should be included in the half yearly compliance reports.
44. The pits in the abandoned quarries and in the mined area shall be used for activities like water harvesting, aqua culture etc. in an eco

friendly manner.

45. If Government land is partly or fully used for mining, the area shall be returned at the end of lease period after mine closure with separate demarcation with suitable survey marks.
46. Any accident occurring in the mined out area after the lease period due to negligence in carrying out safety measures and non-closure , will lead to suspension of all EC obtained for mining by the Proponent.
47. In case of transfer of EC the matter shall be intimated and approval from the Authority shall be obtained as per the existing norms.
48. The proponent shall submit Half Yearly Compliance Reports (1st of June & 1st of December) on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) and upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall be simultaneously sent to the respective Regional Office of Ministry of Environment, Forests and Climate Change, Govt. of India and also to the Office of State Environment Impact Assessment Authority (SEIAA). The proponent has to submit Environmental statement in form V of Environment (Protection) Rules 1986 to SPCB on 31st March every year.
49. The project authorities should extend full cooperation to the officer (s) from the Regional Office of MOEF & CC located at Bangalore/SEAC/SPCB/CPCB/dept of Mining and Geology, while monitoring compliance of the stipulated conditions, by furnishing the requisite data/information/monitoring reports.
50. The above conditions shall prevail notwithstanding anything to the contrary, in consistent, or simplified, contained in any other permit, license on consent given by any other authority for the same project.
51. The Authority reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including

revoking of the Environment Clearance under the provisions of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.

52. The EC given will be withdrawn at any time if the area is declared high hazardous by the SDMA.
53. The Environmental Clearance will be subject to the final order of the courts on any pending litigation related to the land or project, in any court of law.
54. Any appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
55. Concealing the factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
56. The SEIAA may revoke or suspend the order, for non implementation of any of the specific or any of the above conditions. The SEIAA reserves the right to alter/modify the above conditions or stipulate any further condition in the interest of environmental protection.
57. As per regulation no. 106(2) of metalliferous mines regulation under Mine act, the height of any bench shall not exceed six meters and breadth shall not be less than the height.

Sd/-
Administrator, SEIAA
For Member Secretary, SEIAA

To,

Sri. Dineesh Vijayan,
Orathaniyil House,
Kudakkachira P.O,
Pala, Kottayam- 686 635

Copy to,

1. MoEF Regional Office, Southern Zone, Kendriya Sadan, 4th Floor, E&F Wing, II Block, Koramangala, Bangalore-560034(through e-mail: rosz.bng-mefcc@gov.in).
2. The Additional Chief Secretary to Government, Environment Department, Government of Kerala.
3. The Director, Directorate of Environment & Climate Change, 4th Floor KSRTC Bus Terminal, Thampanoor, Thiruvananthapuram, Kerala- 695001.
4. The District Collector Kottayam.
5. The Director, Mining & Geology, Thiruvananthapuram -4.
6. The Member Secretary, Kerala State Pollution Control Board.
7. The District Geologist, Kottayam.
8. The Tahsildhar, Meenachil Taluk, Kottayam District.
9. The Secretary, Karur Grama Panchayat, Meenachil Taluk, Kottayam.
10. The Chairman, SEIAA.
11. Website.
12. S/f
13. O/c

Signature Not Verified
Digitally signed by Dr. Venu V IAS
Member Secretary
Date: 10/11/2022 3:45:15 PM

ANNEXURE 3 - ENVIRONMENT MONITORING CELL

An environmental monitoring cell was formed with Mr. DINESH VIJAYAN head of the monitoring cell and made functional. Meeting of monitoring cell is arranged monthly and discuss the status of the compliance of the specific and general conditions contained in the Environmental clearance order. The details of the monitoring cell members are given below:

Sl. No.	Post	Name
1	Head of the monitoring cell	Mr. Dinesh Vijayan
2	Head in charge (Environment)	Mr. Dinu V
3	Senior Environmental Officer	Mr. SureshKumar M N
4	Environmental Officer	Mr. Sajimon V P
5	Name of the environmental officer in charge	Mr. Jeevan
6	Name of the officer Environment, Health and safety	Mr. Yadhukrishnan
8	Name of the environment laboratory	ECO LABS Private Ltd.
9	Address of Environmental laboratory	Janatha Junction, Palarivattom, Kochi- 682 025

FILE NO : KSPCB/KT/ICO/10013949/2022

Date of issue : 08-11-2022



KERALA STATE POLLUTION CONTROL BOARD

CONSENT TO

OPERATE/AUTHORISATION/REGISTRATION

ISSUED UNDER

The Water (Prevention & Control of Pollution) Act, 1974

The Air (Prevention & Control of Pollution) Act, 1981

and

The Environment (Protection) Act, 1986

As per Application No. : 10013949

Dated : 25-10-2022

To

**GRANITE BUILDING STONE QUARRY OF Mr. DINEESH VIJAYAN
KUDAKKACHIRA P O , KOTTAYAM**

Consent No. : KSPCB/KT/ICO/10013949/2022

Valid Upto : 30-09-2027

1. GENERAL

1.1. This integrated consent is granted subject to the power of the Board to withdraw consent, review and make variation in or revoke all or any of the conditions as the Board deems fit

1	VALIDITY	30-09-2027
2	Name and Address of the establishment	GRANITE BUILDING STONE QUARRY OF Mr. DINEESH VIJAYAN KUDAKKACHIRA P O , KOTTAYAM E-Mail : onlinepcbktm@gmail.com Contact Number : 9497235695
3	Occupier Details	DINEESH VIJAYAN ORATHANIYIL HOUSE , KUDAKKACHIRA P O , PALA , KOTTAYAM E-Mail : onlinepcbktm@gmail.com Contact Number :
4	Local Body	KAROOR
5	Survey Number	140/2 , 140/2-1 , 140/2-1-1
6	Village	Vallichira
7	Taluk	Meenachil
8	District	KOTTAYAM
9	Capital Investment(Rs in Lakhs)	100.0
10	Scale	Small
11	Category	RED
12	Annual fee(Rs)	25000.0
	Total Fee remitted(Rs)	125000.0
13	Activity	GRANITE BUILDING STONE- 105.01 Metric Tonnes/Day
14	Machinery details	

2. Conditions as Per The Water(Prevention and Control of Pollution)Act, 1974

2.1 In case of generation of trade effluent from the industry, effluent treatment system consisting of treatment units having adequate capacity established as per the proposal submitted along with the application shall be made functional before commissioning. Additional facilities required, if any, to achieve the standards laid down by the Board u/s 17(1) (g) of the Water Act shall also be made along with.

2.2 Water Consumption: 5600 LPD

2.3 Effluent Generation: 2400LPD

2.4 Sewage / waste water with only organic contaminant if any, generated in the unit, shall be discharged through scientifically designed septic tank and soak pit system as per the follows IS code.

i. Septic tank as per IS 2470 (Part 1): 1985.

ii. Soak pit with sealed bottom, honey comb side wall 65 cm thick 2 mm sand all around.

Mode of disposal of treated effluent: Soak pit

2.5 Soak pit shall be at least 10 m away from the water intake well/nearby drinking water wells

3. Conditions as Per The Air(Prevention and Control of Pollution)Act, 1981

3.1 Adequate air pollution control measures shall be provided before commissioning of the industry. Additional facilities required, if any, to achieve the standards laid down by the Board shall also be installed.

3.2 Emission characteristics shall not exceed ambient air quality specified by national air quality standard

3.3 All operations likely to produce dust or noise shall be carried out within sufficiently closed and insulated area

3.4 The PM₁₀ in ambient air at the boundary shall not exceed 100 microgram / m³

3.5 The PM_{2.5} in ambient air at the boundary shall not exceed 60 microgram/m³

3.6 There shall not be any fugitive emission from the premises

3.7 The D. G. sets shall be provided with a minimum chimney height $0.2\sqrt{\text{KVA}}$ meters above roof level of the highest nearby building (Where KVA is the capacities of all DG sets). The D. G. sets shall be placed at a minimum distance of $\sqrt{\text{KVA}/2}$ meters from the neighbouring residences / worship places / institutions (where KVA is the capacity of DG sets).

4. Conditions as Per The Environment (Protection) Act, 1986.

4.1 The construction activities shall be carried out strictly in compliance with the provisions of the

NoisePollution (Regulation and Control)Rules 2000.The sound level measured 1 m outside the boundary of theunit shall not exceed the National ambient noise standards applicable to adjoining area.

4.2 Used lead acid batteries shall be disposed of as per the Batteries (Management and Handling) Rules,2001

4.3 Hazardous waste generated, if any, shall be handled as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.:NA

4.4 e-waste shall be disposed of safely as per the E-Waste (Management) Rules, 2016.

4.5 Proper Solid waste management system shall be provided in the unit, arrangements for collection,segregation, storage, handling and disposal of solid Waste including garbage shall be provided as per SWMRules 2016 and the facility shall be maintained properly.

5.GENERAL CONDITIONS

5.1 This consent is granted subject to the power of the Board to review and make variations in all or any ofthe conditions as per section 21(6) of the Air (Prevention & Control) of pollution Act 1981 & section 27 of the water (Prevention &control) of pollution Act 1974.

5.2 Green belt of sufficient height shall be provided with fast growing species such as bamboos forpreventing dust and noise pollution.

5.3 For renewal of the consent in case of continuance of operation of the industry, application in theprescribed form shall be submitted through the web portal of the Board for renewing the Consent on orbefore two months in advance to expiry date. Late application will be accepted with 10%(for applicationbefore expiry date) & 50% of yearly fee as late fee for application after due date.

5.4. The occupier shall comply with all the environmental rules and the related act stipulated by thegovernment, relevant instructions issued by the Board in time to time for the prevention and control ofpollution and protection of environment.

5.5 No change or alteration of the unit or equipment capacity shall be made without the prior permission ofthe Board. Any change in the particulars furnished in the references or in the identity of the occupier / authorised agent is to be intimated to the Board forthwith.

5.6 Adequate green cover and green belt shall be provided in the unit with continual improvement ofnumber of trees and vegetation in and around the campus. Nonconventional energy sources (solar, wind,biogas, etc) shall be utilized to the maximum extent to meet the energy need.

5.7 Location of the unit shall be as shown in the drawing attached. No change or alteration to the above shallbe made without obtaining prior permission from the board.

5.8 Maintain hygienic condition and good housekeeping practices shall be maintained in and around theunit.

5.9 Set back as per rules shall be provided between the boundary and the building.

5.10 This consent is granted based on the particulars and affidavit submitted by the Entrepreneur and any violation/non-compliance/submission of false information will lead to cancellation of consent and stringent action against the applicant and occupier. In the case of noncompliance of integrated consent conditions, the consent issued will be withdrawn/cancelled, and fee will be lapsed automatically.

5.11 The consented shall put up a sign board of size 6x4 ft. near the main entrance of the plant to display the name of the unit and important consent conditions.

5.12 The occupier shall comply with all the environmental rules and the related act stipulated by the government, relevant instructions Board may issue from time to time for the prevention and control of pollution and protection of environment.

5.13 Arrangements of rain water harvesting including open pond/ well / Bore well/ Ground water recharging shall be provided. Rain water harvesting facility shall be installed in the unit within three months and photos of the same shall be submitted in this office via e-mail: onlinepcbktm@gmail.com.

6. SPECIFIC CONDITIONS

6.1 “The consent issued from the Board will be valid only for a period during the period when all other statutory or necessary clearances from other concerned authorities are valid. The consent issued from the Board is only with respect to the powers vested under the Water Act, 1974, Air Act 1981 and Rules there under. The operation of the unit shall be commenced only after obtaining clearances from all concerned authorities”.

6.2 All the Conditions given in the Environmental clearance shall be strictly complied with, A copy of compliance report shall be submitted to the district office in regular interval specified in the EC.

6.3 Mining shall be only done as per the approved mining plan and approval of district geologist.

6.4 Annual environmental statement shall be submitted on or before 31 st March every year.

6.5 Regular wetting of the road in the premises of the unit quarry and approach roads near the quarry shall be done for avoiding excessive dust emission within and outside the boundary.

6.6 There shall not carry out any mining activity between 6.00 pm to 6.00 am.

6.7 There shall be a minimum distance of 50m from boundary of quarry operating area to residential building, place of worship, public buildings, public road having vehicular traffic, river or lake, railway line, bridges etc as per PCB/HO/CIRCULAR-01/03/2017, dated 10/10/2017.

6.8 Boundary shall be fenced before operation of quarrying activities.

6.9 Suitable species of trees and curtain plants shall be planted and maintained within and along the periphery of the premises, forming a green belt to improve the environment. And reduce air and noise pollution.

6.10 Bench cutting method shall be adopted for quarrying. Blasting shall be done with electronic detonators and prior signals in specified time.

6.11 Quarrying operations shall be started only after obtaining Mining permit/lease from Mining & Geology Department and D & O License under the Kerala Panchayat Raj Act from the concerned Local Self Government.

6.12 Adequate safety measures shall be provided in accordance with the fire & safety regulations.

6.13 After completion of mining, the mining area shall be reclaimed as per approved mine closure plan.

6.14 Mining below normal water table by continuous pumping shall be avoided in summer period (March, April & May) to prevent drinking water shortage in that area.

6.15 No other machineries, other than that specified in the consent shall be operated in the quarry without prior Consent of the Board.

Digitally signed by Biju B
Date: 2022.11.08 16:10:37 IST

SIGNATURE OF ISSUING AUTHORITY

ENVIRONMENTAL ENGINEER

SURVEY MAP
SY :140/2-1-1,140/2,140/2-1

NO	LATITUDE (N)	LONGITUDE (E)
BP1	9°46'29.46"N	76°37'46.43"E
BP2	9°46'28.82"N	76°37'45.71"E
BP3	9°46'28.53"N	76°37'45.17"E
BP4	9°46'27.51"N	76°37'43.79"E
BP5	9°46'26.37"N	76°37'43.53"E
BP6	9°46'26.74"N	76°37'45.40"E
BP7	9°46'26.47"N	76°37'46.13"E
BP8	9°46'26.78"N	76°37'47.46"E
BP9	9°46'27.22"N	76°37'47.45"E
BP10	9°46'28.30"N	76°37'47.92"E
BP11	9°46'28.92"N	76°37'46.74"E

NO	LATITUDE (N)	LONGITUDE (E)
BP1	9°46'29.46"N	76°37'46.43"E
BP2	9°46'28.82"N	76°37'45.71"E
BP3	9°46'28.53"N	76°37'45.17"E
BP4	9°46'27.51"N	76°37'43.79"E
BP5	9°46'26.37"N	76°37'43.53"E
BP6	9°46'26.74"N	76°37'45.40"E
BP7	9°46'26.47"N	76°37'46.13"E
BP8	9°46'26.78"N	76°37'47.46"E
BP9	9°46'27.22"N	76°37'47.45"E
BP10	9°46'28.30"N	76°37'47.92"E
BP11	9°46'28.92"N	76°37'46.74"E



[Signature] AE4

Assistant Engineer

District Office Kottayam

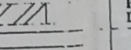


COUNTER SIGNED
TAHSILDAR MEENACHIL



LEGEND

PROPERTY DETAILS									
NO.	BLOCK NO.	THANDAPPER	DOC.NO.	SY.No	IN POSSESSION	BUFFER AREA	MINING AREA	PERMIT AREA	NAME OF OWNER
1	20	5369	1872/U/6	1402/-1 1402	0.1832 Ha 0.0398 Ha	0.2428 Ha	0.4422 Ha	0.6850 Ha	GABRIYEL MATHEW
2	20	5011	205/111/2011	1402/ 1402-1-	0.4128 Ha	0.0260 Ha	0.0027 Ha	0.0287 Ha	TRESIAMMA MATHEW
TOTAL AREA:					1.2430 Ha	0.2688 Ha	0.4449 Ha	0.7137 Ha	



PROPOSED PERMIT
INCLUDING BUFFER AREA
SURVEY LINE
HOUSE BUILDING
7M WIDTH PRIVATE ROAD
PANCHAYATH / PW ROAD
SURVEY STONE / ROCK MARK

PROPOSED PERMIT AREA= 0.7137 Ha
HUTTER AREA= 0.2649 Ha
MINING AREA= 0.4449 Ha

SCALE $\frac{1}{1500000}$

VILLAGE OFFICER
VALLICHIRA
PIN-686 574.

GREENLYTESOLARTECHNOLOGIES

TAXINVOICE

ORIGINALFOR RECIPIENT

MYTHREEMANSION,KATTAKAYAMROAD,PALA KOTTAYAM
DT 686 575, 32-KERALA

CASH

Mob:9074945994,9495644206

GSTIN: 32BJRPJ9309L1ZP

TaxIsPayableOnReverseCharge:(Yes/No)

No

Invoice Serial Number: B111

InvoiceDate: 25/06/2024

TransportationMode:

Veh.No:

Date&TimeofSupply: 25-06-2415:24:31

PlaceofSupply:

Details ofReceiver (Billedto)

Name: MR DINEESH VIJAYAN

Address : GRANITE BUILDING STONE QUARRY OF ORATHANIYIL
HOUSE KUDAKKACHIRA P.O PALA KOTTAYAM 686635
PH :9497235695

State&Code:

S.No	DescriptionofGoods	HSNCode	Qty.Unit	Rate	Disc unt	Taxable Value	Rate	CGST Amount	Rate	SGST Amoun	TotalAmount
1	HYKONHPCU3KW3000W48V2YE AR	85044090	1.001	44915.25		44915.25	9.00	4042.37	9.00	4042.37	52999.99
2	HYKONSOLARBATTERY150AHC 10	85071000	4.001	14453.12		57812.48	14.00	8093.75	14.00	8093.75	73999.98
3	SOLARPANELVIKRAM550WPM ONOPERCHALFCUTSOLARPA NELVIKARAMMONOP	85414012	4.004	17410.71		69642.84	6.00	4178.57	6.00	4178.57	77999.98
9.00						172370.57		16314.69		16314.69	204999.95

InvoiceValue(InWords)

Rs.TwoLakhFiveThousand Only

IGSTAmt:

0.00

LessCash Discount:

0.00

Round Off:

0.05

InvoiceTotal:

205,000.00

AmountofTaxSubjecttoReverse Charge

0.00

0.00

CertifiedthattheParticularsgivenabovearetrueandcorrect

ForGREENLYTESOLARTECHNOLOGIES

Electronic ReferenceNumber&Date:

FEDERALBANK,FDRL0001097

10970200013094, GREENLYTESOLARTECHNOLOGIES

Name&Designation

Greenlyte Solar Technologies
Mythree Mansion
Kattakkayam Road, Pala
Mob: 9074945994,9947702248

Authorised Signatory

GREENLYTE SOLAR TECHNOLOGIES

TO: DINU

Dealwith: SETHU

Mob : +919495644206

E-Mail: Greenlytepala@gmail.com

Date: 24 JUN 2024

Page: Total 6 (including this
Covering Page)

Your reference:

Our Reference: 2020-03-R8

Project Title: solar power System 3 kw –

offgrid Subject: solar solar power System 3 – off grid

Dear Sir,
Further with reference to your enquiry and our enquiry, please find attached below the offer.

Section – 1:	Covering Letter.
Section – 2:	Scope of Works.
Section – 3:	Price Schedule.
Section – 4:	Commercial & Contract Terms.
	Annexure: A

Thanking you,
Yours faithfully,

Sethu Jayan
Operation manager
Mob: 00919495644206

Sabu k.c Service
Manager
mob: 9947702248

SECTION- 2: SCOPE OF WORKS

GREENLYTE SOLAR TECHNOLOGIES

SECTION1:PRICESCHEDULE&BOQFORSOLARPOWERSYSTEM 3 KW

SrNo.	Description	Qty	Totalprice
1	3KW 48VSOLARPOWERCONDITIONSYSTEMWITH MPPTOFFGIRD BEACON,HYKON,LUMINOUS-2YEARWARRANTY	1	
2.	SOLARPANEL(MONOPERCHALF-CUT)WAAREE ,SOLAR,LUMINOUS,VIKARAM 540*4-25YEAR	2160W	
3	SOLARBATTERYC10 1 50AH, BEACON,HYKON -5YEAR REPLACEMENT	4	
4	INSTALLATIONCHARGE		
5	FRAMEFITTINGSNORMAL		
6	WIRINGMATERIALSDC CABLES		
Tottalprice:TWO LAKH FIVE THOUSAND ONLY			205000

3KVASolarPowerPlant -canbeconnectedtofewlight fan+tv fridgemixi, ironBox , NormalWashing Mechine,
Do not use this Whole load at a Time

GREENLYTE SOLAR TECHNOLOGIES

PAYMENTTERMS

- 50%advancepaymentafterconfirm theworkorder.
40%aftercompletingthepanellaying 10%
after the entire completion

•

WARRANTY

- SOLARPANEL-25YEARS •
INVERTEOR -2 YEAR
SOLARBATTERY-5YEAR
REPLACEMENT
FULLTIMESERVICEASSITANCE

GREENLYTESOLAR TECHNOLOGIES

SETHU JAYAN

OPERATIONINCHARGE

GREENLYTE SOLAR TECHNOLOGIES

MythreeMansion,KattakkayamROAD,PALA,KOTTAYAMDT686575,KERALA

GREENLYTE SOLAR TECHNOLOGIES

MythreeMansion,KattakkayamROAD,PALA,KOTTAYAMDT686575,KERALA

GREENLYTE SOLAR TECHNOLOGIES

MythreeMansion,KattakkayamROAD,PALA,KOTTAYAMDT686575,KERALA

GREENLYTE SOLAR TECHNOLOGIES

MythreeMansion,KattakkayamROAD,PALA,KOTTAYAMDT686575,KERALA

GREENLYTE SOLAR TECHNOLOGIES

MythreeMansion,KattakkayamROAD,PALA,KOTTAYAMDT686575,KERALA

GREENLYTE SOLAR TECHNOLOGIES

MythreeMansion,KattakkayamROAD,PALA,KOTTAYAMDT686575,KERALA





ലൈസൻസ് നമ്പർ : KLLSG-T-75/2023

തീയതി: 11-08-2023

കാരുൺ ഗ്രാമപഞ്ചായത്ത്

(1994 ലെ കേരള പഞ്ചായത്ത് രാജ് ആക്ട് (1994 ലെ 13) 232, 233, 234, 254 എന്നീ വകുപ്പുകളും അവയ്ക്കുള്ള ഭേദഗതികളും തത്സംബന്ധമായ ചട്ടങ്ങളും ബൈലായും അനുസരിച്ച് നൽകുന്നു)

വ്യവസായ / ഫാക്ടറി / വ്യാപാര / സംരക്ഷകത്വ / മറ്റ് സേവനങ്ങൾക്കുള്ള
ലൈസൻസ്

ലൈസൻസിയുടെ പേരും മേൽവിലാസവും	Dineesh Vijayan Dineesh Vijayan Orathaniyil House Kudakkachira Po Pala Kudakkachira B.O Kottayam Kerala 686635, Kudakkachira B.O, Kottayam, Kerala, 686635	
സ്ഥാപനത്തിന്റെ പേരും, സ്ഥലനാമവും	Meenachil Granites, 140/2, 140/2-1, 140/2-1-1, Karoor, Meenachil	
ലൈസൻസ് നൽകിയിട്ടുള്ള പ്രവർത്തനങ്ങൾ	Granite Quarrying and Sale	
കെട്ടിടത്തിന്റെ നമ്പർ		
വാർഡ് നമ്പർ	1	
സർവ്വേ നമ്പർ	140/2, 140/2-1, 140/2-1-1	
അടുത്തുള്ള കെട്ടിട നമ്പർ	117	
ലൈസൻസ് കാലയളവ്	25-04-2023 മുതൽ 31-03-2028 വരെ	
ഈടാക്കിയ ലൈസൻസ് ഫീസ്	രസീത് നമ്പർ	രൂപ
	72587	5000.00/-

സെക്രട്ടറി

കാരുൺ ഗ്രാമപഞ്ചായത്ത്



ലൈസൻസ് താല്പര്യുന്നവ്യവസ്ഥകൾ അനുസരിക്കേണ്ടതാകുന്നു

1. കേരള പഞ്ചായത്ത് രാജ് ആക്ട് അനുസരിച്ച് പ്രവർത്തിക്കേണ്ടതാകുന്നു.
2. തൊഴിൽ സ്ഥലവും അതിലുള്ള സാധന സാമഗ്രികളും പഞ്ചായത്ത് അധികാരികൾക്കോ/ സെക്രട്ടറി അധികാരപ്പെടുത്തുന്ന മറ്റ് ഉദ്യോഗസ്ഥർക്കോ പരിശോധിക്കുന്നതിന് ലൈസൻസി വേണ്ട സൗകര്യം നൽകേണ്ടതും അവർ ആവശ്യപ്പെട്ടാൽ ഈ ലൈസൻസ് കാണിക്കേണ്ടതുമാകുന്നു.
3. ഏത് സ്ഥലത്തിന്റെ കാര്യത്തിൽ ലൈസൻസ് നൽകിയിരിക്കുന്നുവോ ആ സ്ഥലത്ത് എല്ലാവരും കാണത്തക്ക വിധത്തിലുള്ള ഒരു ഭാഗത്ത് ലൈസൻസി തന്റെ പേരും, ലൈസൻസിന്റെ നമ്പരും ഉദ്ദേശ്യം കാണിക്കുന്ന ഒരു അടയാളപ്പലക വച്ചിരിക്കേണ്ടതാണ്.
4. പഞ്ചായത്തിൽ നിന്നും അനുവാദം ലഭിച്ചശേഷമല്ലാതെ തൊഴിൽ സ്ഥലം മാറ്റാൻ പാടില്ലാത്തതും തൊഴിൽ നിർത്തുന്ന പക്ഷം വിവരം മുൻകൂട്ടി പഞ്ചായത്തിൽ അറിയിക്കേണ്ടതുമാകുന്നു.
5. തൊഴിൽ സ്ഥലവും പരിസരങ്ങളും വൃത്തിയായും സാമൂഹിക രോഗാണുക്കൾ ഉണ്ടാകാത്ത വിധത്തിലും പൊതുജനോപദ്രവമാകാത്ത വിധത്തിലും വ്യാപാരത്തിന് വെച്ചിട്ടുള്ള ഭക്ഷണപദാർത്ഥങ്ങൾ ഈച്ച, അണുക്കൾ , പൊടി മുതലായവയുടെ ശല്യം ഉണ്ടാകാത്ത വിധത്തിലും സൂക്ഷിക്കേണ്ടതാണ് .
6. ഓരോ പ്രവൃത്തി ദിവസത്തിന്റെയും ഒടുവിൽ സ്ഥലം വൃത്തിയാക്കേണ്ടതാണ്.
7. ആ സ്ഥലത്തിന്റെയോ പരിസരത്തിന്റെയോ ഏതെങ്കിലും ഭാഗത്ത് വീഴുകയോ നിക്ഷേപിക്കപ്പെടുകയോ ചെയ്യുന്ന ചപ്പുചവരോ, മൃഗങ്ങളുടെ അവശിഷ്ടങ്ങളോ മറ്റ് പദാർത്ഥമോ ശേഖരിച്ച് സെക്രട്ടറിക്ക് തൃപ്തികരമായ രീതിയിൽ നീക്കം ചെയ്യേണ്ടതാണ് .
8. ലൈസൻസി ഏതൊരു കെട്ടിടത്തിന്റെയും ചുവരുകളുടെയും അകവശത്തിന്റെ ഏതൊരു ഭാഗവും മേൽപ്പറഞ്ഞ പരിസരത്തിലുള്ള തറയും നടപ്പാതയും അവിടെ തെറിപ്പിഴിയാനിയുള്ള ഏതെങ്കിലും ദ്രാവകമോ, മാലിന്യമോ, ചപ്പുചവരോ, അസഹ്യവും, ഉപദ്രവകരവുമായ ഏതെങ്കിലും പദാർത്ഥമോ അവിടെ ലയിക്കുന്നത് തടയത്തക്കവിധം എപ്പോഴും നന്നായി കേടപാട് തീർത്ത് നിലനിർത്തേണ്ടതാണ്.
9. ലൈസൻസി മേൽപ്പറഞ്ഞ സ്ഥലത്തോ, പരിസരത്തോ, അതോടു ചേർന്നോ ഉള്ള ഏതൊരു ഓവുചാലും അഴുക്കുലും കളയുന്നതിനുള്ള ഉപകരണവും എപ്പോഴും നന്നായി കേടപാട് തീർത്തു വയ്ക്കിക്കേണ്ടതാണ്.
10. അയിത്തം ആചരിക്കുന്ന കടകളുടെ ലൈസൻസ് റദ്ദ് ചെയ്യുന്നതാണ്.
11. ഏതെങ്കിലും തരത്തിലുള്ള തൃക്ക് രോഗമോ, കഷ്ടരോഗമോ, വ്രണമോ പകർച്ച വ്യാധികളോ ഉള്ള യാതൊരാളും കച്ചവടം നടത്തുന്നതിന് ഉപയോഗിക്കുന്ന സ്ഥലത്തും പരിസരത്തും പ്രവർത്തിക്കുവാൻ പാടില്ലാത്തതാകുന്നു.
12. സർക്കാർ ഉത്തരവുകൾ പ്രകാരം നിരോധിച്ചിട്ടുള്ള പ്ലാസ്റ്റിക്കുകളും മറ്റ് നിരോധിത പ്ലാസ്റ്റിക് ഇനങ്ങളും ഉൽപ്പാദിപ്പിക്കുകയോ ശേഖരിക്കുകയോ വിൽക്കുകയോ കൈകാര്യം ചെയ്യുകയോ ചെയ്യാൻ പാടില്ല.
13. സ്ഥാപനത്തിന്റെ ബോർഡിൽ സ്ഥലനാമം മലയാളത്തിലും ഇംഗ്ലീഷിലും രേഖപ്പെടുത്തേണ്ടതാണ്.
14. 20 സീറ്റിൽ കൂടുതലുള്ള എല്ലാ ഹോട്ടലുകൾക്കും റെസ്റ്റോറന്റുകൾക്കും ടോയെലറ്റ് സൗകര്യം ഏർപ്പെടുത്തേണ്ടതാണ്.
15. നിരോധിത ഉൽപ്പന്നങ്ങളായ പാൽമസാല , ഗുഡ്ബ തുടങ്ങിയവ സംഭരിച്ചുവയ്ക്കുവാനോ വിൽക്കുവാനോ പാടില്ല.
- 16.COPTA നിയമത്തിലെ വ്യവസ്ഥകൾ കർശനമായി പാലിക്കേണ്ടതാണ്.
- 17.ബാലവേല അനുവദിക്കാൻ പാടില്ല.
- 18.വിവിധ NOC- കളിലെ നിബന്ധനകൾ പാലിക്കേണ്ടതാണ്.
19. മുകളിൽ കാണിച്ചിരിക്കുന്ന വ്യവസ്ഥകളുടെ ലംഘനം ഈ ലൈസൻസ് റദ്ദ് ചെയ്യപ്പെടുന്നതിന് കാരണമാകാവുന്നതാണ്.

സെക്രട്ടറി

NB: ലൈസൻസ് അനുസരിക്കുന്ന തീയതിക്ക് 30 ദിവസം മുമ്പ് ലൈസൻസ് പുതുക്കുന്നതിനുള്ള അപേക്ഷ സമർപ്പിക്കേണ്ടതാണ്.



Digitally signed by KUZHUPPALLIL BABUR
Reason: For Approve the Certificate
Location: Panjayath Off,KARoor
Date: 2023.08.11 03:04:41 +05:30

ONE WINDOW APPLICATION FORM Kerala Government (Panchayat Directorate)



Application No. : KL-5026/2023

Submitted On :

MEENACHIL GRANITES

13.3.2023

PROMOTER DETAILS	
Name:	DINEESH VIJAYAN
Communication Address:	DINEESH VIJAYAN ORATHANIYIL HOUSE KUDAKKACHIRA PO PALA KUDAKKACHIRA B.O KOTTAYAM I. ERALA 686635, Kudakkachira B.O, KOTTAYAM, Kerala, INDIA, 686635
Perment Address:	DINEESH VIJAYAN ORATHANIYIL HOUSE KUDAKKACHIRA PO PALA KUDAKKACHIRA B.O KOTTAYAM I. ERALA 686635, Kudakkachira B.O, KOTTAYAM, Kerala, INDIA, 686635



Date of Birth :	18-11-1982	Email :	meenachilgranites2023@gmail.com		
Aadhar No :	-	Pan No :	-	Mobile No:	9947107023

PROJECT DETAILS			
Type of Sector	Size of Industry	Project Type	Enterprise Ownership Details
Mining and Mineral	Small	Factory/Manufacturing	Proprietorship

Proposed Fixed Capital Investment (In lakhs)				
Land Cost	Building Cost	Plant and machinery Cost	Other Cost	Total Cost (in Cr)
16.00	0.01	74.00	10.00	1

Means of Finance (Amt in Lakhs)			
Bank/Institutional Finance	Equity Contribution	FDI	
Other	Government Grant		

Expected start date of project	Expected start date of trial production	Expected start date of Operation
10-05-2023	10-05-2023	22-05-2023
Expected annual effluent quantity	Expected annual solid waste quantity	Estimated installed capacity



Raw Materials Details	
Stone	Rock

[Signature]
Public Information Officer
Grama Panchayat.

Proposed employment				
	Male	Female	Others	Total
Direct	4			9
Indirect	5			

Total Power Required per day (in KW)	Total Water required per day (in KL)	Total Proposed Project Area (Square Meters)
0	5	0

Require land in industrial area (Yes/No)	No
Require land for starting up enterprise (Yes/No)	No
Require built up area for starting up enterprise in Industrial Parks (Yes/No)	Yes

Industrial park in which you intend to establish your enterprise	
Extend of Land required for starting up enterprise in Industrial Parks (In Acres)	-
Built up area required for starting up enterprise in Industrial areas (in Square Meters)	-

Nature of possession of premises	Extend of land (In Ha)	Type of Land
Leased	0.7137	Rocky (land)
Survey number	Taluk	Village
140/2,140/2-1,140/2-1-1	Meenachil	Vallichira
Local Body Type	Post Office	Pincode
GRAMA PANCHAYATH	Kudakkachira B.O	686635
	Total Turnover (in Cr)	1.21

ENTERPRISE DETAILS		
Entity Name	Line of Activity	Promoter/MD Name
MEENACHIL GRANITES	Factory/Manufacturing	DINEESH VIJAYAN

TIN Number	VAT Number	CST Number
	IEC No.(Importer Exporter Code Number)	GSTIN Registration Number
		32ABWFM1196L1ZN
	Communication Address of registered office	Communication Address of head office



DINEESH VIJAYAN, MEENACHIL
GRANITES, KUDAKKACHIRA PO, NEAR
KALAMUKALAM
JUNCTION, PALA, Kudakkachira
B.O, KOTTAYAM, Kerala, 686635

DINEESH VIJAYAN, MEENACHIL
GRANITES, KUDAKKACHIRA PO, NEAR
KALAMUKALAM
JUNCTION, PALA, Kudakkachira
B.O, KOTTAYAM, Kerala, 686635

ROC Number	ROC Date	Land phone number
Fax	Official Website URL	

BANK DETAILS						
Sl No.	A/C Holder Name	A/C No.	A/C Type	IFSC Code	Branch Name	Bank Name
1	DINU V	14230200001524	Current	FDRL0001423	UZHIAVOOR	The Federal Bank Ltd

Ease of Doing Business



IT Support : NDC Kerala

വിവരങ്ങൾ നൽകിയിട്ടുള്ളതും
സാക്ഷ്യം വഹിച്ചിട്ടു

[Signature]
Public Information Officer
Karoli Grama Panchayat

Government of Kerala



GOVERNMENT OF INDIA
MINISTRY OF COMMERCE & INDUSTRY
PETROLEUM AND EXPLOSIVES SAFETY ORGANISATION(PESO)
(Formerly Department of Explosives)
Kendriya Bhavan, Block C-2, 3rd Floor
CSEZ PO Kakkanad Dist. Ernakulam Ernakulam 682037
Tele: 2427286 Fax: 2427276
Email: dyccecochin@explosives.gov.in

No:E/SE/KL/22/374(E138078)

Dated : 27/02/2023

To,
Shri Dineesh Vijayan,
Orathaniyil House, Kudakkachira PO.
Town/Village - Vallichira
Distt. KOTTAYAM, State. Kerala, Pincode-686635

Subject: Possession for Use of Explosives from magazine at Survey No.:121/1A, Village/Town. Block No. 20, Vallichira, Meenachil Taluk, Distt. KOTTAYAM, State Kerala Licence No.: E/SE/KL/22/374(E138078) granted in Form LE-3 of Explosives Rules, 2008 -Endorsement regarding

Sir(s),

Conditions:

1)Intimation regarding quarrying operations at Re-Survey Nos. 140/2, 140/2-1, 140/2-1-1 of Vallichira Village of Meenachil Taluk, Kottayam District, Kerala vide Environmental Clearance No 164/Q/2022, File no. 1756/EC3/2020/SEIAA dated 11/10/2022 is acknowledged.

Reference memo No.: E/SE/KL/22/374(E138078) Dated 21/02/2023 from Dy. Chief Controller of Explosives, Ernakulam and inspection of the subject premises by an officer of this organization on: 17/02/2023.

The subject licence No. E/SE/KL/22/374(E138078) valid upto 31st March 2027 duly endorsed as required under Rule 107(3) of the Explosives Rules 2008 is forwarded herewith.

For further renewal of licence, please submit following documents so as to reach this office on or before 31/03/2027.

- Application in Form RE-1 duly filled in and signed.
- Licence fees renewable for one to five years, to be submitted online through e-payment facility available on online application portal under the Explosives Rules, 2008.
- Original licence with approved plan.
- In this connection, please also refer to Rule 112 of Explosives Rules, 2008.
- Indent for purchase of explosives shall be placed in RE-11 with the supplier and copy of the same shall be sent to this office.(Not applicable for fireworks store house)
- Please submit quarterly returns of explosives in RE-7 at the end of every quarter so as to reach this office by 10th of the succeeding quarter.(Not applicable for fireworks store house)
- All blasting operations shall be carried out by a competent person holding a valid shot firer's permit granted under above rules. However, blasting operations in mines coming under the purview of the Mines Act 1952, the blaster shall have qualifications prescribed in the regulations framed under the said Act.

Yours faithfully,

(Anil Kumar T)
Dy. Controller of Explosives
For Dy. Chief Controller of Explosives
Ernakulam

Copy Forwarded to:

1. District Magistrate, KOTTAYAM, Kerala with reference to his Noc No: DCKTM/79/2020/H4 Dated: 29/12/2021.

For Dy. Chief Controller of Explosives,
Ernakulam

[For more information regarding status, fees and other details, please visit our web site <http://explosives.gov.in>]

Note :- This is system generated document does not require physical signature. Applicant may take printout for their records.

Digitally signed by ANIL KUMAR T
Reason: Licence No. : E/SE/KL/22/374
Location:Ernakulam [E138078]
Date:27-02-2023 13:33:27 PM

अनुज्ञप्ति प्रारूप एल. ई.-3 | LICENCE FORM LE-3

(विस्फोटक नियम, 2008 की अनुसूची 4 के भाग I के अनुच्छेद 3(क) से (घ) देखिए।)
(See article 3(a) to (d) of Part I of Schedule IV of Explosives Rules, 2008)

(ग) उपयोग के लिए एक समय पर वर्ग 1, 2, 3, 4, 5 या वर्ग 7 के विस्फोटक या किसी मैगजीन में वर्ग 6 के विस्फोटक रखने के लिए अनुज्ञप्ति
Licence to possess : (c) for use, explosives of class 1, 2, 3, 4, 5, 6 or 7 in a magazine

अनुज्ञप्ति सं. (Licence No.): E/SE/KL/22/374(E138078)

वार्षिक फीस रुपए (Annual Fee Rs): 2400/-

1. Licence is hereby granted to

Shri Dineesh Vijayan (अधिभोगी / Occupier : Shri Dineesh Vijayan), Orathaniyil House, Kudakkachira PO., Town/Village - Vallichira,
District-KOTTAYAM, State-Kerala, Pincode - 686635



को अनुज्ञप्ति अनुदत्त की जाती है।

2. अनुज्ञप्तिधारी की प्राप्ति | Status of licensee : **Individual**

3. अनुज्ञप्ति निम्नलिखित प्रयोजनों के लिए विधिमान्य है।

: possess for use of **Nitrate Mixture, Safety Fuse, Ordinary/Electric/Non Electric Detonators**, - के उपयोग के लिए

4. अनुज्ञप्ति विस्फोटकों के निम्नलिखित किस्मों, प्रकार और मात्रा के लिए विधिमान्य है।

Licence is valid for the following kinds and quantity of explosives: -- (क) (a)

क्र. Sr. No.	नाम और विवरण Name and Description	वर्ग और प्रभाग Class & Division	उप-प्रभाग Sub-division	मात्रा किसी एक समय में Quantity at any one time
1.	Nitrate Mixture	2, 0	0	100 Kg.
2.	Safety Fuse	6, 1	0	2000 Mtrs
3.	Ordinary/Electric/Non Electric Detonators	6, 3	0	2000 Nos.

(ख) किसी एक कलेंडर मास में खरीदे जाने वाले विस्फोटक की मात्रा [अनुच्छेद 3(ख) और (ग) के अधीन अनुज्ञप्ति के लिए]
(b) Quantity of explosives to be purchased in a calendar month [applicable for licence under article 3(b) and (c)] :

**3 times
as above.**

5. निम्नलिखित रेखाचित्र (रेखाचित्रों) से अनुज्ञप्त परिसर की पुष्टि होती है।

रेखाचित्र क्र. (Drawing No.) E/SE/KL/22/374(E138078)

The licensed premises shall conform to the following drawing(s) :

दिनांक (Dated) 03/02/2023

6. अनुज्ञप्ति परिसर निम्नलिखित पते पर स्थित हैं। The licensed premises are situated at following address:

Survey No. 121/1A, ग्राम (Town/Village) : **Block No. 20, Vallichira, Meenachil Taluk**

जिला (District) **KOTTAYAM** राज्य (State) **Kerala** पिनकोड (Pincode) **686635**
दूरभाष (Phone) **9497235695** ई. मेल (E-Mail)

7. अनुज्ञप्ति परिसर में निम्नलिखित सुविधाएं अंतर्विष्ट हैं।

The licensed premises consist of following facilities.

Two Portable magazines of H type No. 69 & E type No. 1176 magazines fabricated by M/s.Thekkans Engineering & Fabrication Works, Ernakulam

8. अनुज्ञप्ति समय - समय पर यथासंशोधित विस्फोटक अधिनियम, 1884 और उनके अधीन विरचित विस्फोटक नियम, 2004 के उपबंधों, शर्तों और अतिरिक्त शर्तों और निम्नलिखित उपाबंधों के अधीन रहते हुए अनुदत्त की जाती है।

The licence is granted subject to the provision of Explosives Act 1884 as amended from time to time and the Explosives Rules, 2008 framed there under and the conditions, additional conditions and the following Annexures.

1. उपर्युक्त क्रम सं. 5 में यथा कथित रेखाचित्र (स्थान, सन्निर्माण संबंधी और अन्य विवरण दर्शित करते हुए)।

Drawings (showing site, constructional and other details) as stated in serial No. 5 above.

2. अनुज्ञप्ति प्राधिकारी द्वारा हस्ताक्षरित इस अनुज्ञप्ति की शर्तों और अतिरिक्त शर्तों।

Conditions and Additional Conditions of this licence signed by the licensing authority.

3. दूरी प्रारूप DE-2 | Distance Form DE-2.

9. यह अनुज्ञप्ति तारीख **31 मार्च 2027** तक विधिमान्य रहेगी। This licence shall remain valid till **31st day of March 2027**.

यह अनुज्ञप्ति, अधिनियम या उसके अधीन विरचित नियमों या अनुसूची V के भाग 4 के प्रति निर्दिष्ट सेट-VII के अधीन तथा उपवर्णित इस अनुज्ञप्ति की शर्तों का अधिक्रमण करने या यदि अनुज्ञप्त परिसर योजना या उससे संलग्न उपबंध में दर्शित विवरण के अनुरूप नहीं पाए जाने पर निलंबित या प्रतिसंहत की जा सकती है, जहां वह लागू हो।

This licence is liable to be suspended or revoked for any violation of the Act or Rules framed there under or the conditions of this licence as set forth under Set VIII, wherever applicable, referred to in Part 4 of Schedule V or if the licensed premises are not found conforming to the description shown in the plans and Annexure attached hereto.

तारीख | The Date - 03/02/2023

**उप मुख्य विस्फोटक नियंत्रक | Dy. Chief Controller of Explosives
Ernakulam**

नवीनीकरण के पृष्ठांकन के लिए स्थान
Space for Endorsement of Renewal

नवीकरण की तारीख
Date of Renewal

समाप्ति की तारीख
Date of Expiry

अनुज्ञापन प्राधिकारी के हस्ताक्षर और स्टाम्प
Signature of licensing authority and stamp

कानूनी चेतावनी : विस्फोटकों को गलत ढंग से चलाने या उनका दुरुपयोग विधि के अधीन गंभीर दंडाधिक अपराध होगा।
Statutory Warning : Mishandling and misuse of explosives shall constitute serious criminal offence under the law.

Note :- This is system generated document does not require physical signature. Applicant may take printout for their records.

Form DE-2
(See rule 113 of the Explosives Rules, 2008)
(Distance Form to be attached to the licence)

Safety distances required to be kept clear around magazine for high explosives or fire works or factory licence number E/SE/KL/22/374(E138078) in form LE-3 granted to Shri Dineesh Vijayan, Orathaniyil House, Kudakkachira PO., Kerala-686635 .

Type of Structure(s)	Safety distances meters	
Inside Safety Distances(ISD)		
1 Room or Workshop used in Connection with the Magazine	11	17
2 Any other Explosives Magazine or store House or Factory of the Applicant		
3 Magazine Office		
Middle Safety Distances(MSD)		
4 Magazine Keeper's or Chowkidar's Dwelling house		
5 Railway including Minerals and Private Railways		
6 Canal (in active use) or other navigable water		
7 Dock or Pier or Jetty		
8 Public Highway or Public Road		33
9 Private Road which is PRINCIPAL means of access to a Temple, Mosque, Church, Gurudwara or other places of worships, Hospital, College, School or Factory		
10 River Embankment or Sea Embankment or Public Well		
11 Reservoir or Bounded tank/rope way		
12 Windmillor or Solar panel for Power Generation		
Outside Safety Distances(OSD)		
13 Dwelling House		
14 Govt. and Public Building		
15 Temple, Mosque, Church or Gurudwara or other Places of Worships		
16 Shops, Market place, Public recreation and Sports Ground, College, School, Hospital, Theater, Cinema or other Building where the public are accustomed to assemble		
17 Factory		
18 Buildings or Works used for the Storage in Bulk of Petroleum, Sprit, gas, or other inflammable or hazardous substances		45
19 Building or Works used for Storage and Manufacture of Explosives or of articles which contain Explosives		
20 Aerodrome		
21 Furnace, Kiln or Chimney		
22 Quarry or mine pit head		
23 Power House or Electric Substation		
24 Wireless Station		
25 Warehouse or other Storage Building		
26 Any other Protected works		
Overhead Electric lines		
27 Electric Power over head Transmission Lines above 440V		45
28 Electric Power over head Transmission Lines upto 440V		15

The Date : 03/02/2023

For Dy. Chief Controller of Explosives
Emakulam

Note :- This is system generated document does not require physical signature. Applicant may take printout for their records.

मैगजीन में वर्ग 1, 2, 3, 4, 5, 6, और 7 के विस्फोटकों को बिक्री या प्रयोग हेतु रखने के लिए प्ररूप एल.ई. 3 [अनुच्छेद 3 (ख) से (ग)] में मुख्य विस्फोटक नियंत्रक या विस्फोटक नियंत्रक द्वारा प्रदान किए जाने वाले अनुज्ञप्ति सं. E/SE/KL/22/374(E138078) की शर्तें निम्नलिखित हैं।
The following are the conditions of licence number E/SE/KL/22/374(E138078) to possess for sale or use, explosives of Class 1, 2, 3, 4, 5, 6 and 7 in a magazine in Form LE-3 (articles 3(b) to (c)) granted by Chief controller of Explosives or Controller of Explosives.

- परिसर में किसी भी समय विस्फोटकों की मात्रा अनुज्ञापन योग्य सामर्थ्य से अधिक नहीं होगी।
The quantity of explosives on the premises at any one time shall not exceed the licensable capacity.
- विस्फोटकों के भंडारण के लिए प्रयुक्त होने वाली मैगजीन अनुसूची III और अनुज्ञप्ति के उपाबंध में विनिर्दिष्ट सुरक्षा दूरी बनाए रखना होगा।
The magazine used for storage of explosives shall maintain safety distance specified in Schedule III and annexure to the licence.
- मैगजीन का प्रयोग उन सभी विस्फोटकों के, जो इस अनुज्ञप्ति में विनिर्दिष्ट हैं, रखे जाने के लिए और ऐसे रखे जाने से संबद्ध आधान या औजार या उपकरणों के रखे जाने के लिए ही किया जाएगा; अन्यथा नहीं।
The magazine shall be used only for keeping all explosives specified in this licence and of receptacles for, or tools or implements for work connected with the keeping of such explosives.
- पैकजों को खोलने का कार्य और विस्फोटकों को तौलने तथा पैक करने का कार्य मैगजीन में नहीं किया जाएगा।
The opening of packages and the weighing and packing of explosives shall not be carried on in the magazine.
- दो या दो से अधिक वर्णन के विस्फोटकों को, जिन्हें मैगजीन में रखे जाने की अनुज्ञा दी जा सकती है, मैगजीन में तभी रखे जाएंगे जब उनमें से प्रत्येक को, ऐसे पदार्थ या स्वरूप का कोई मध्यवर्ती विभाजक लगाकर या उनके बीच ऐसा मध्यवर्ती स्थान छोड़कर, परस्पर पृथक् कर दिया जाए कि किसी वजह से विस्फोटक में लगने वाली आग या होने वाला विस्फोट किसी अन्य वर्णन के विस्फोटक तक न पहुंच सके : परंतु -
(घ) 2 (नाइट्रेट मिश्रण), वर्ग 3 (नाइट्रो योगिक) के विभिन्न विस्फोटक, वर्ग 6 प्रथम प्रभाग के अंतर्गत आने वाले सुरक्षा पत्ती और वर्ग 6 प्रभाग 2 के अंतर्गत आनेवाले विस्फोटक प्रेरक पत्ती, जिनमें कोई खुला लोहा या इस्पात नहीं है, एक दूसरे के साथ बिना किसी मध्यवर्ती विभाजक या स्थान के रखे जा सकते हैं।
(ङ) वर्ग 6 प्रभाग 3 के अंतर्गत आनेवाले विस्फोटक प्रेरक अलग रखे जाएंगे।
(च) वर्ग 1 के अंतर्गत आने वाले बारूद को अलग रखा जाएगा।
Two or more description or explosives which may be permitted to be kept in the magazine shall be kept only if they are separated from each other by an intervening partition of such substance or character, or by such intervening space, as will effectually prevent explosion or fire in the one communicating with the other, Provided that—
(d) the various explosives of Class 2 (nitrate-mixture), Class 3 (nitro-compound), safety fuses belonging to Class 6 Division 1 and detonating fuses belonging to Class 6 Division 2 as do not contain any exposed iron or steel, may be kept with each other without any intervening partition or space ;
(e) Detonators belonging to Class 6 Division 3 shall be kept separately.
(f) Gun powder belonging to Class 1 shall be kept separately.
- वर्ग 3 (नाइट्रो योगिक) के विस्फोटकों को, उनके विनिर्माण की तारीख से एक वर्ष बीत जाने के पश्चात सिवाय अनुज्ञापन प्राधिकारी की विशेष मंजूरी के मैगजीन में नहीं रखा जाएगा।
Explosives of Class 3 (nitro compound) shall not be kept in the magazine after the expiration of one year from the date of their manufacture except with the special sanction of licensing authority.
- वर्ग 3 (नाइट्रो योगिक) के विस्फोटकों को, उनके विनिर्माण की तारीख से एक वर्ष बीत जाने के पश्चात मैगजीन में तभी रखा जाएगा जब कि किसी विस्फोटक नियंत्रक ने इसके लिए विशेष मंजूरी दे दी हो।
(i) जब ऐसी मंजूरी दे दी गई हो तो प्रत्येक निरीक्षण पर किसी विस्फोटक नियंत्रक से ऐसा लिखित प्रमाणपत्र अभिप्राप्त कर लिया जाए जिसमें दी गई मंजूरी के अंतर्गत आनेवाली अवधि दर्शित की गई हो और ऐसे प्रमाणपत्र के अनुज्ञप्तिधारी अपने पास रखेगा और मांग की जाने पर प्रस्तुत करेगा।
(ii) जब कोई विस्फोटक मानक शुद्धता का न रह जाने के कारण या द्रवणीकरण या नाइट्रो गलीअसरीन या द्रव नाइट्रो योगिक के निकल जाने के चिन्ह प्रकट होने के कारण मैगजीन में भण्डारित किए जाने के उपयुक्त नहीं रह जाता है तो अनुज्ञप्तिधारी अपने ही व्यय पर ऐसे विस्फोटक के निपटारे के लिए ऐसे निदेशों का अनुपालन करेगा जो मुख्य नियंत्रक या विस्फोटक नियंत्रक जारी करें।
Explosives of Class 3 (nitro compound) shall not be kept in the magazine after the expiration of one year from the date of their manufacture except with the special sanction of the Controller of Explosives.
(i) When such sanction has been given, a written certificate showing the period covered by the sanction shall be obtained from the Controller of Explosives at each inspection, and shall be kept by the licensee and produced on demand.
(ii) When an explosive owing to its being no longer of standard purity or owing to signs of liquefaction or of exuded nitro-glycerin or liquid nitro-glycerin or liquid nitrocompound is no longer fit for storage in the magazine or store house the licensee shall comply, at his own expense, with such directions as to its disposal as the Chief Controller or Controller of Explosives may issue.
- मैगजीन के भीतरी भाग या उसमें लगी बेंचो, शेल्फों और उसकी फिटिंग का इस प्रकार सन्निर्माण किया जाएगा या उन्हें इस प्रकार अंतरित या अवतरित किया जाएगा कि विस्फोटक का किसी लोहे या इस्पात के साथ संपर्क रोक जा सके। भीतरी भाग में लगी बेंचो, शेल्फों और फिटिंग यथासाध्य ग्रिट से मुक्त एवं साफ रखे जाएंगे तथा ऐसे विस्फोटक, जो जल से खतरनाक रूप में प्रभावित हो सकते हैं, इस बाबत सम्यक सावधानी बरती जाएगी कि वहां कोई जल मौजूद न रहे : परंतु किसी लोहे या इस्पात के खुले होने के विरुद्ध सावधानी से संबंधित इस शर्त का वह भाग ऐसे किसी भवन में बाध्यकर नहीं होगा जिसमें वर्ग 6 (गोला बारूद) के प्रथम के विस्फोटक से भिन्न कोई विस्फोटक रखा गया है।
The interior of the magazine and the benches, shelves and fittings therein shall be so constructed or so lined or covered as to prevent the exposure of any iron or steel contact with the explosives. Such interior, benches, shelves and fittings shall so far as is reasonably practicable, be kept free from grit and shall otherwise be clean; and in the case of any explosives liable to be dangerously affected by water, due precautions shall be taken to exclude water there from:
Provided that so much of this condition as relates to precautions against the exposure of any iron or steel shall not be obligatory in a building in which no explosive other than explosive of the 1st Division 6th (Ammunition) Class is kept.
- यदि तडित चालक का परीक्षण विस्फोटक नियंत्रक करता है तो अनुज्ञप्तिधारी ऐसे परीक्षण के लिए विहित फीस का संदाय करेगा यदि परीक्षण असमाधानकारी साबित होता है तो उतनी ही फीस अनुज्ञप्तिधारी द्वारा पश्चात्कर्त्त प्रत्येक परीक्षण के लिए तब तक दी जाती रहेगी जब तक कि परीक्षण अधिकारी तडित चालक को समाधानप्रद घोषित नहीं कर देता :
परंतु किसी एक परीक्षण के लिए देय फीस किसी एक दिन के दौरान किसी चालक के किए गए सभी परीक्षणों के लिए प्रभार्य होगा :
परंतु यह और कि यदि दो या अधिक तडित चालक एक ही मैगजीन से संबद्ध हैं तो ऐसे सभी चालकों के परीक्षण के लिए फीस ऐसी किसी फीस से अधिक नहीं होगी जो किसी एक तडित चालक के परीक्षण के लिए हर स्थिति में विहित की गई है।
If the lighting conductor is tested by the Controller of Explosives, the licensee shall pay the fees prescribed for test. In the even of the test proving unsatisfactory, the same fees shall be payable by the licensee for each subsequent test until the lighting conductor is passed by the testing officer as satisfactory:
Provided that the fees payable for a single test shall be charged for all tests made on a conductor during any one day :
Provided further that where two or more lighting conductors are attached to one and the same magazine, the fee for the testing of all such conductors shall not exceed the fee prescribed in this condition for testing a single lighting conductor.
- उपयुक्त तथा जेब रहित कार्यकरण वस्तु, उपयुक्त जूतों के प्रयोग द्वारा तथा तलाशी लेकर या अन्यथा अथवा ऐसे किन्हीं साधनों द्वारा इस बाबत सम्यक उपबंध किया जाएगा कि फैक्ट्री परिसर में अग्नि, दियासलाई अथवा ऐसी कोई वस्तुएं या पदार्थ, जिससे विस्फोट हो सकता है या आग लग सकती हो, किन्तु इस शर्त के कारण ऐसी संरचना, स्थिति या स्वरूप में किसी कृत्रिम बत्ती का प्रवेश वर्जित नहीं है जिससे आग लगने या विस्फोट होने का खतरा न हो :
परंतु इस शर्त का वह भाग, जो लोहे या इस्पात के अपवर्जन को लागू होता है, ऐसे किसी भवन के संबंध में बाध्य कर नहीं होगा जिससे भिन्न कोई विस्फोटक नहीं रखा गया है।
Due provisions shall be made, by the use of suitable working clothes without pockets, suitable shoes and by searching or otherwise or by such means, for preventing the introduction into danger area of the factory premises of fire, Lucifer matches or any substance or article likely to cause explosion or fire, but this condition shall not prevent the introduction of an artificial light of such construction, position or character as not to cause any danger of fire or explosion:
Provided that so much of this condition as applies to the exclusion of iron or steel, shall not be obligatory in a building in which no explosive other than an explosive of the 1st Division of the 6th (Ammunition) Class is kept.

11. अनुज्ञापिधारी प्ररूप आर ई-3 और आर ई-4 या आर ई-5, जैसी स्थिति हो, में सभी विस्फोटकों का अभिलेख और लेखा रखेगा और विस्फोटक नियम, 2008 के अधीन प्राधिकृत किसी भी अधिकारी के समक्ष उसके द्वारा ऐसा करने की मांग की जाने पर स्टॉक पुस्तक और अभिलेख प्रस्तुत करेगा। स्टॉक पुस्तक विहित प्रोफार्मा में पृष्ठ संख्यांकित होगी।
The licensee shall keep records and accounts of all explosives in Forms RE-3 and RE-4 or RE-5, as the case may be, and exhibit the stock books and records to any of the officers authorised under the Explosives Rules, 2008 whenever such officer may call upon him to do so. The stock books in the prescribed proforma shall be page numbered.
12. परिसरों में कोई परिवर्तन या तबदीली अनुज्ञापन प्राधिकारी के पूर्वानुमोदन बिना नहीं की जाएगी और अनुज्ञापिधारी ऐसी किसी शर्त का अनुपालन करेगा जो इस निमित्त अनुज्ञापन प्राधिकारी विनिर्दिष्ट करे।
No changes or alterations shall be carried out to the premises without prior approval of the licensing authority and the licensee shall comply with any condition that may be specified by the licensing authority in this behalf.
13. मैगजीन सभी समयों पर अच्छी मरम्मत की स्थिति में बनाई रखी जाएगी (या अच्छी हालत में बनाई रखी जाएगी)। यदि किसी कारणवश किसी विस्फोटक के भण्डारण के लिए मैगजीन अनुपयुक्त हो जाती है तो अनुज्ञापिधारी इस बात की सूचना अनुज्ञापन प्राधिकारी को तुरंत देगा।
Magazine shall at all times be kept in state of good repair (or maintained in good condition). The licensee shall report to licensing authority forthwith, if the magazine becomes unfit for storage of any explosives for any reason whatsoever.
मैगजीन का अनुज्ञापिधारी इन नियमों के नियम 24 के उप-नियम 3 के अनुसार त्रैमासिक विवरणी प्रस्तुत करेगा।
The licensee of the magazine shall submit quarterly return as per sub-rules (3) and (4) of rule 24 of these rules.
14. यदि सुरक्षा दूरी का कोई अधिक्रमण होता है तो उसकी सूचना अनुज्ञापन प्राधिकारी को आवश्यक सलाह और कार्यवाही के लिए तुरंत दी जाएगी।
Any encroachment of the safety distance shall be immediately communicated to the licensing authority for necessary advice and action.
15. यदि कोई विस्फोटक विनष्ट हुआ अथवा अनुपयोगी जाया जाता है तो उसकी सूचना अनुज्ञापन प्राधिकारी को, सलाह प्राप्त करने के लिए, तुरंत दी जाएगी।
The licensing authority shall be immediately informed for advice if any explosive is found deteriorated or unserviceable.
16. विस्फोटकों के पैकेटों के चट्टे इस प्रकार लगाए जाएंगे कि कम से कम एक व्यक्ति भण्डार किए गए सभी पैकजों की हालत की जांच करने और प्रत्येक पैकेज की विनिर्माण विशिष्टियों को पढ़ने के लिए उनके बीच से होकर आ जा सके।
The explosive packages shall be stocked in such a way so as to allow movement of at least one person to check the condition of all packages stored and to read the manufacture particulars of each package.
तडित चालकों की भूमि के लिए प्रतिरोध यथासंभव न्यूनतम होगा और किसी भी दशा में 10 ओह्म से अधिक नहीं होगा।
The resistance of the lightning conductor to earth shall be as low as possible and in no case be more than 10 ohms.
17. मैगजीन के चारों ओर 15 मीटर की दूरी के अंतर्गत कोई शुल्क घास या झाड़ी या ज्वलनशील सामग्री नहीं रहने दी जाएगी।
A distance of 15 meters surrounding the magazine or store house shall be kept clear of dried grass or bush or flammable materials.
18. विस्फोटकों के प्रत्येक पैकेट की, जब उसे मैगजीन के भीतर लिया जा रहा हो, ठीक दशा जानने के लिए परीक्षा की जाएगी।
Every package of explosive at the time of bringing inside the magazine shall be examined for its sound condition.
19. किसी मैगजीन / भण्डारगृह में किसी एक समय में चार व्यक्तियों से अधिक को नहीं रहने दिया जाएगा।
Not more than 4 persons shall be allowed inside the magazine or store house at any one time.
20. विस्फोटकों के खाली पैकजों को शीघ्रतः वहां से हटा दिया जाएगा और नष्ट कर दिया जाएगा।
Empty packages of the explosives shall be removed at the earliest and destroyed.
21. अनुज्ञापिधारी और कर्मचारियों को परिसर के भीतर आपातकाल के दौरान की जाने वाली प्रक्रियाओं से अवगत होना चाहिए।
The licensee and the employee shall be conversant with procedure to be taken during the emergency within the premises.
22. निरीक्षण या नमूना अधिकारी को सभी युक्तियुक्त समयों पर अनुज्ञात परिसर में अबाध रूप से पहुंचने दिया जाएगा और यह सुनिश्चित करने के लिए कि अधिनियम और इन नियमों के उपबंधों और सुरक्षा स्थितियों को सम्यक्तः अनुपालन किया जा रहा है, अधिकारी को प्रत्येक सुविधा प्रदान की जाएगी।
Free access to the licensed premises shall be given at all reasonable times to any inspecting or sampling officer and every facility shall be afforded to the officer for ascertaining that the provisions of the Act and these rules and the safety conditions are duly observed.
23. यदि अनुज्ञापन प्राधिकारी या विस्फोटक नियंत्रक अनुज्ञापिधारी को अनुज्ञात परिसर में मशीनरी, टूल या उपकरण में ऐसी कोई मरम्मत या परिवर्तन या परिवर्तन करने या सिफारिशों को लागू करने को लिखित रूप में सूचित करता है जो परिसर के अंदर या बाहर या व्यक्तियों की सुरक्षा के लिए आवश्यक है, अनुज्ञापिधारी सिफारिशों को निष्पादित करेगा और विनिर्दिष्ट अवधि के भीतर अनुपालन रिपोर्ट ऐसे प्राधिकारी को देगा।
If the licensing authority or a Controller of Explosives informs in writing, the holder of the licence to execute any repairs or to make any additions or alterations to the licensed premises or machinery, tools or apparatus or carry out recommendations, which are in the opinion of such authority may pose unacceptable risk and so necessary for the safety of either on-site or off-site of the premises or persons, the holder of the licence shall execute the recommendations and report compliance within the period specified by such authority.
24. अनुज्ञापिधारी मैगजीन में रखने और बिक्री के लिए प्राधिकृत विस्फोटक सूची में उल्लिखित अनुज्ञात फैक्टरी या कंपनी से प्राधिकृत विस्फोटक / आतिशबाजी या सुरक्षा पल्लिते खरीदेगा।
The licensee shall purchase authorised explosives/ fireworks or safety fuse as mentioned in the list authorised explosives from a licensed factory or company for possession and sale from the magazine.
25. निम्न से अधिक ध्वनि स्तर उत्पादित करने वाले आतिशबाजियों पटाखों की बिक्री और रखने के लिए -
(क) जो फटने की जगह से चार मीटर की दूरी पर है, 125 डी.बी. (ए1) या 145 डी.बी. (सी) पी. के. प्रतिबंधित होंगे;
(ख) श्रृंखला (जुड़े हुए पटाख) को गठन करने वाले व्यक्तिगत पटाखों के लिए उपर्युक्त उल्लिखित सीमा 5 लॉग₁₀ (एन) डी.बी. (सी) पी. के. प्रतिबंधित होंगे;
The possession and sale of fire-crackers generating noise level exceeding;
a) 125 dB(AI) or 145 dB(C)pk at 4 meters distance from the point of bursting shall be prohibited;
b) For individual fire-cracker constituting the series (joined fire-crackers), the above mentioned limit be reduced by 5 log₁₀ (N) dB, where N = number of crackers joined together.
26. आग या विस्फोट द्वारा दुर्घटना या नुकसान पटाखों की कमी या चोरी, तुरंत पास के पुलिस थाने और अनुज्ञापन प्राधिकारी और अनुज्ञापन प्राधिकारी के स्थानीय कार्यालय को रिपोर्ट की जाएगी।
Accidents by fire or explosion and losses, shortage or theft of explosives shall be immediately reported to the nearest police station and the licensing authority and local office of the licensing authority.

अतिरिक्त शर्तें / Additional Conditions :

1. अनुज्ञापिधारी विदेशी मूल के आतिशबाजी को न प्रदर्शित करेगा, न रखेगा और न ही उसकी बिक्री करेगा। The licensee shall not exhibit, possess and sell fireworks of foreign origin.

कृते उप मुख्या विस्फोटक नियंत्रक
For Dy. Chief Controller of Explosives
एरणाकुलम | Ernakulam

Note :- This is system generated document does not require physical signature. Applicant may take printout for their records.

NAME AND ADDRESS OF APPLICANT:

MAGAZINE PREMISES DETAILS

STATE : KERALA
DISTRICT : KOTTAYAM
TALUK : MEENACHIL
VILLAGE : VALLICHIRA
BLOCK No : 20
MAGAZINE Re.Sy.No : 121/1A
POLICE STATION : PALA
FIRE STATION : PALA
RAILWAY STATION : ETTIMANOOR

QUARRY DETAILS

STATE	: KERALA
DISTRICT	: KOTTAYAM
TALUK	: VALLICHIRA
VILLAGE	: MEEKNACHIL
Re.Sy.No	: 140/2,140/2-1, 140/2-1-1
POLICE STATION	: PALA
FIRE STATION	: PALLA
RAILWAY STATION	: ETTUMANOOR

MAGAZINE CAPACITY

	: 100 -Kgs
NITRATE MIXTURE	
SAFETY FUSE	
Ordinary and/or Electric Detonators /	
Non Electric Detonators (NONEL)	
	: 2000 -2700
	: 4000 -Nos

NAME AND SIGNATURE OF APPLICANT

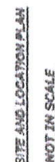
:- Sri.DINEESH VJAYN

SIGNATURE

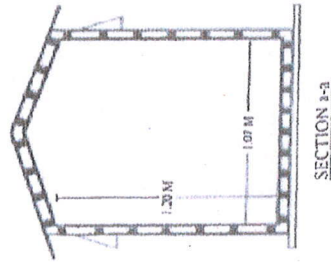
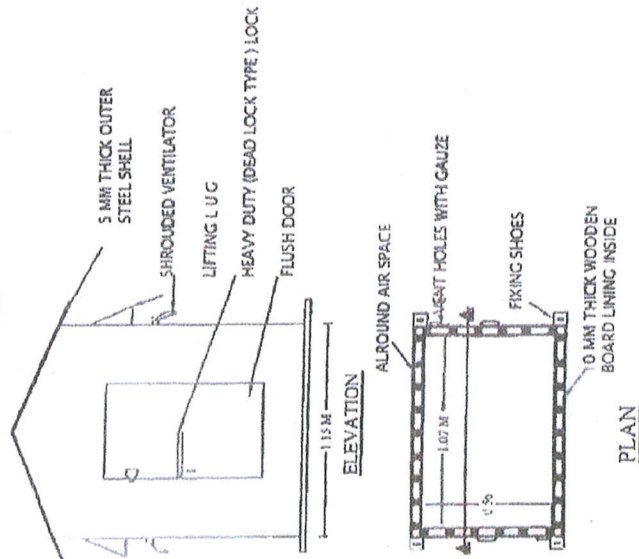
OFFICE USE :

DRAWING NO: 12/2019
Digitally signed by S. SATHYANAN
Date: 15/12/2019
Reason: Licence No: E/S/KA/02/374

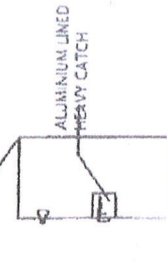
Location:Ernakulam [E138078]
Date:03-02-2023 15:04:51 PM



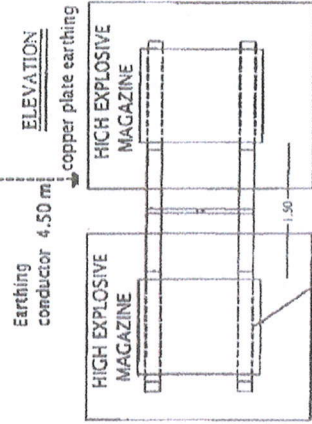
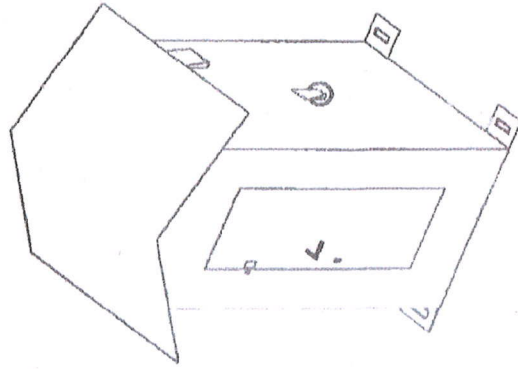
MAIN MAGAZINE "H" TYPE



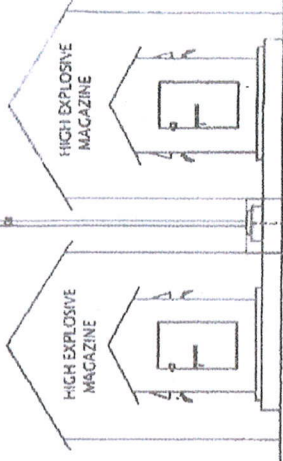
CONSEALED ROBUST DOOR HINGES



PORTABLE MAGAZINE



TELESCOPIC LIGHTNING CONDUCTOR AS PER AS 2309



"H" TYPE MAGAZINE (150 KG) ACCOMMODATES	"E" TYPE MAGAZINE (50 KG) ACCOMMODATES
1) 150 Kg High Explosives Class I, II, III OR 2) 5000 Meters Detonating Fuse Safety Fuse OR 3) 6000 Nos Electric Detonators OR 4) 25000 Nos Ordinary Detonators OR 5) 5000 Nos Electric Detonators & 5000 Nos Ordinary Detonators OR 6) 150 Kgs Of Explosive And 3000 Meters Of Safety Fuse	1) 50 Kg High Explosives Class I, II, III OR 2) 2000 Meters Detonating Fuse Safety Fuse OR 3) 2500 Nos Electric Detonators OR 4) 10000 Nos Ordinary Detonators OR 5) 2000 Nos Electric Detonators & 2000 Nos Ordinary Detonators OR 6) 50 Kgs Of Explosive And 2000 Meters Of Safety Fuse
PERMITTED TOLERANCE OUTER DIMENSIONS = (+) 2%	PERMITTED TOLERANCE OUTER DIMENSIONS = (+) 2%

SPECIFICATION

- All steel plate are 5mm thick used in fabrication
- Interior lining at least 10 mm thick on walls, doors and ceiling and 25 mm thick on door and consisting of closed fittings boards or wood joined together by tongue and groove joints in such a way that no iron or steel is exposed on the interior sides, ceiling, floor or doors
- Ventilation by vent which are adequately protected
- External hinges of steel welded to the door and to the frame of magazine
- A lock of " dead Lock " type for external door

The doors or lid must overlap the door opening by at least 1 inch (25 mm). Hinges, hasps and panels shall be welded, riveted, or bolted (with nuts on inside so they cannot be removed or disassembled from the outside)

Fabrication drawing of Portable Magazine for "H" Type 150 KG and "E" type 50 KG capacity of M/S Thekkans Engineering and Fabrication works, V/11/154, Veliyanad P.O Ernakulam District, Kerala pin 682319

Fabrication shop at sy.No.712/12, Veliyanad, Edakkattuvayal Village, Kanayannur Taluk, Ernakulam District, Pin 682 319, Kerala

This drawing is the property of the above firms. It should not be copied whole or in part without their written permission.

Signature

"CERTIFIED THAT THE MAGAZINE HAVE BEEN FABRICATED AS PER APPROVAL OF THE CHIEF CONTROLLER OF EXPLOSIVES"

Digitally signed by S. SARAVANAN
Reason: Licence No.: E/SE/KL/22/374
Location: Ernakulam [ET136078]
Date: 03-02-2023 15:06:03 PM

Proprietor

Cert No. MR/SZ/384

भारत सरकार/Government of India

खान अधिनियम, 1952/Mines Act, 1952

खनन परीक्षा बोर्ड/Board of Mining Examinations

खनन मेट सक्षमता प्रमाण-पत्र

MINING MATE'S CERTIFICATE OF COMPETENCY

(केवल ओपेनकास्ट खानों तक सीमित)

(Restricted to mines having opencast workings only)

(धात्विकीय खान विनियम, 1961 के अन्तर्गत)

(Under the Metalliferous Mines Regulations, 1961)

श्री खनन परीक्षा बोर्ड

सुपुत्र

जिनकी जन्म तिथि

है, को अपनी

आयु, स्वास्थ्य, सदाचार, साक्षरता और धात्विकीय खानों में काम करने के विहित अनुभव का सन्तोषजनक प्रमाण

प्रस्तुत करने एवं दिनांक

को

केन्द्र पर आयोजित

विहित परीक्षा में उत्तीर्ण होने पर एतद्वारा केवल ओपेनकास्ट खानों तक सीमित मेट सक्षमता प्रमाण-पत्र

प्रदान किया जाता है।

Shri KOTIGI SREEDHARA GOWDA

son of

KOTIGI KOTRA GOWDA

born on 26.03.1976 (SEVENTY SIX)

having given satisfactory evidence of his age,

medical fitness, good character, literacy and prescribed experience of working in metalliferous

mines and having passed the prescribed examination held at GVTC, HOSPET

centre on 18.02.2013

is hereby granted MINING MATE'S CERTIFICATE

OF COMPETENCY restricted to mines having opencast workings only

बाएं हाथ के अंगूठे का निशान

Left hand thumb impression

अंचल सचिव

अंचल सचिव

अध्यक्ष

Zonal Secretary

Zonal Secretary

Chairman

Board of Mining

Board of Mining

Board of Mining

Examinations

Examinations

Examinations

Signed and Sealed

MR

To

KOTIGI SREEDHARA GOWDA S/o. KOTIGI KOTRA GOWDA

Home Address

Village M. MHALLI (P)
PO HOSPET
Police Station M.M.HALLI
District BELLARY
State KARNATAKA - 583222

प्रमाणित किया जाता है कि उनकी सक्षम चिकित्सा अधिकारी द्वारा स्वास्थ्य परीक्षा कर
खान में कार्य करने के लिए स्वस्थ घोषित किया जाता है।

Certified that he has been examined by qualified medical
officer and declared fit for employment in mines.

Certified that he has been medically
examined by qualified Medical Officer

1 On 07/12/2022 को 2 On 05-01-2023 को
3 On 07/12/2022 को 4 On 04-01-2023 को
5 On को 6 On को
7 On को 8 On को
9 On को 10 On को

Prepared by

Checked by


ಭಾರತ ಸರ್ಕಾರ
Government of India


ಕೋಟೆ ಶ್ರೀಧರ ಗೌಡ
Kotte Shreedhara Gowdu
ಬಿ.ಸಿ.ಸಿ.ಸಿ. DOB: 26/03/1978
ವರ್ಗ: MALE

3325 5664 2240
UID: 9125 0416 9029 4140

ನನ್ನ ಆಧಾರ್, ನನ್ನ ಗುರುತು


ಭಾರತ ಸರ್ಕಾರ
Unique Identification Authority of India

ವಿವರ:
ಕೋಟೆ ಶ್ರೀಧರ ಗೌಡ
14, ಸಂದರ್, ಬೆಂಗಳೂರು - 560119

Address:
S/O Kotte Gowda, ... Smire Colony Ward
14, Sandur, Bellary,
Karnataka - 563119

3325 5664 2240
UID: 9125 0416 9029 4140

1947 | 100% India | 100% Digital | 100% Secure



കേരളം KERALA

EC 092377

JOB AGREEMENT

On this day 13th November 2023, job undertaking between Mr. Dineesh Vijayan, Orathaniyil House, Kudakkachira P.O, Vallichira, Kottayam- 686635, here in after called party of the first part and Mr.Kotigi Sreedhara Gowda, S/o Kotra Gouda, Smiore Colony Ward, 14, Sancur, Bellary, Karnataka – 583119, here in after called party of the second part.

Dineesh Vijayan

(Party of the first Part)

Kotigi Sreedhara Gowda

(Party of the Second Part)

No 4811
9.11.23

25 OCT 2023

ദിനീഷ്
ഓരത്തിയീൽ
കുടകച്ചിറ

D. Prasad
Stamp Vendor
Koothattukulam



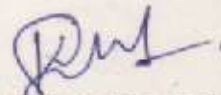
കേരളം KERALA

EC 092378

The party of the first part having, Valid Explosive License Bearing No : E/SE/KL/22/374 (E138078), Environmental Clearance No:164/Q/2022, and it is agreed to conduct quarry blasting work in Re Sy No: 140/2,140/2-1-1 with an extent of 0.7137 Hectares at Vallichira Village, Meenachil Taluk, Kottayam, Kerala. State With a period of one year from today. The party of the first part should be pay Sum Rs. 15000/- 1st of every succeeding English Month. The party of the First part arrange the blasting material at Quarry site as per explosives rules 2008 and The party of the Second party obtained Mining Mate Certificate of competency certificate No: MR/SZ/384 Dated: 18.02.2013 and regulated safety precautions as per Metalliferous Mine Regulations 1961 at the site time of blasting should be conducted only before sunset and after sunrise every working days. The Owner of quarry should liable of all accident or damages at site.


Dineesh Vijayan

(Party of the first Part)


Kotig Sreedhara Gowda

(Party of the Second Part)

No 4812
9.11.23

ദീനീഷ്
ദിനേശ് വീജയൻ

D. Prasad
Stamp Vendor
Koothattukulam

DINEESH VIJAYAN

ORATHANIYIL HOUSE
KUDAKKACHIRA P O
VALLICHIRA

KOTTAYAM, - 686 635

Email : dineeshdineesh977@gmail.com

Mob: +91 9497235695

Date : 13/11/2023

LETTER OF ACCEPTANCE

To,

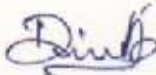
Mr. Kotigi Sreedhara Gowda
S/o Kotigi Kotra Gowda
Smiore Colony Ward
14, Sancur, Bellary
Karnataka - 583119

Dear Kotigi Sreedhara Gowda

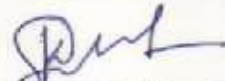
With reference your application and subsequent interview with us we are please to inform you that you are here by appointed as Second Class Mines Manager for our organization as per terms and conditions discussed and agreed upon as under

1. This appointment is effective from 13th November 2023 the date of your joining our organization.
2. Your salary and other allowances shall be as per enclosed statement (Refer Annexure)
3. Your job function and responsibilities are as Mining Mate Certificate No. MR/SZ/384 dated 18/02/2013 shall be discharged as per THE METALLIFEROUS MINES REGULATIONS 1961.
4. Your future increments or promotions or any other salary increases shall be based on merit consideration your periodic and consistent overall performance, business conditions and other parameters fixed from time to time at the direction of the management and shall not be considered merely as a matter of right.
5. During the period of service with the proprietorship you shall not indulge and or take part in any activity of formation of council and or association or become a member being part of management staff which are found to be detrimental in the interest of the proprietorship in any way, such an action shall be deemed as infringement to service conditions of the

Signature



(Dineesh Vijayan)



Accepted by Signature

(Kotigi Sreedhara Gowda)

DINEESH VIJAYAN

ORATHANIYIL HOUSE
KUDAKKACHIRA P O
VALLICHIRA
KOTTAYAM, - 686 635

Email : dineeshdineesh977@gmail.com

Mob: +91 9497235695

Date : 13/11/2023

ORDER OF APPOINTMENT

To,

Mr. Kotigi Sreedhara Gowda
S/o Kotigi Kotra Gowda
Smiore Colony Ward
14, Sancur, Bellary
Karnataka - 583119

Dear Kotigi Sreedhara Gowda

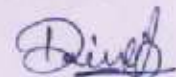
With reference to your application and subsequent interview, we are pleased to appoint you as Mining Mate with effect from 13th November 2023 for taking all statutory responsibility as per Mines Act 1952 and over all Quarry operations of granite quarry owned by Mr. Dineesh Vijayan, Vallichira Village, Kottayam District, Kerala State.

01. Your Monthly remuneration we accepted as you requested that will be regulated according to our existing rules of the firm.
02. Confidently you shall not any time during or after your employment terms with the firm reveal Any of the affairs in the course of your employment in any manner which may injure or cause loss to the firm.
03. You are required to serve the firm with loyalty and honesty and strictly following all instructions given to you by your supervision in carrying out your duties.
04. You will be required to comply with all such rules and regulations as the firm may frame from time to time.
05. Period of notice for termination of employment or salary in lieu will be payable.

Kindly confirm your acceptance by signing and returning the duplicate copy of this letter for our file and record for further processing.

Thanking you

Yours faithfully,



Dineesh Vijayan



ENVIRODESIGNS
ECO LABS
(Food Quality / Water / Environmental Testing Lab)



ISO 9001:2015, ISO 45001:2018 Certified organisation
Approved 'A' grade Lab by Kerala State Pollution Control Board
Accredited Lab by NABL as per ISO 17025:2017 (Cert No: TC-7114)
Recognised Lab by Ministry of Environment, Forests & Climate Change (Govt. of India) as per E (P) Act 1986

TEST REPORT

Page 1 of 2

Report No. : EEL/LR/24/0027402/752

Issue Date : November 16, 2024

Issued To:

Mr. Dineesh Vijayan
Orathaniyil House
Kudakkachira P.O
Pala, Kottayam -686635.

Customer ref: - Verbal

Project: - Environmental Monitoring at Granite Building Stone quarry owned by Mr. Dineesh Vijayan for an area of 0.7137 hectares in Resurvey Nos. 140/2, 140/2-1, 140/2-1-1 at Vallichira Village, Meenachil Taluk, Kottayam Dist. Kerala.

Sample receipt form Ref. No. : SRF/W/11/752 dt. 11.11.2024

Sampling done by: Customer

Sample Particulars: Water sample

Sample receiving date : November 11, 2024	Lab identification code: W/11/752
Analysis starting date : November 11, 2024	Analysis completion date: November 15, 2024
Quantity of sample received: 1L x 1	Description of sample by the customer: Ground water sample
Packaging details -: Pet bottle	[Open well -Outside(South side)]
Physical appearance of the sample: Clear liquid	
Tests required: For the parameters listed below, as per Drinking water specification IS 10500:2012	

SAMPLE TESTED AS RECEIVED

Sl. No.	Parameters	Unit	Method	Result	Requirement (Acceptable limit)
1.	pH at 25°C	---	IS 3025 (Pt 11):2022	7.1	6.5-8.5
2.	Odour	---	IS 3025 (Pt 5): 2018	Agreeable	Agreeable
3.	Colour	Hazen Units,max	IS 3025 (Pt 4):2021	3.0	5.0
4.	Turbidity	NTU,max	IS 3025 (Pt 10):1984	0.60	1.0
5.	Total Dissolved Solids	mg/l,max	IS 3025(Pt 16):2023	63	500
6.	Total Hardness as CaCO ₃	mg/l,max	IS 3025 (Pt 21):2009	36	200
7.	Chloride as Cl	mg/l,max	IS 3025(Pt 32):1988	13.70	250
8.	Sulphate as SO ₄	mg/l,max	IS 3025(Pt 24):2022	4.08	200
9.	Alkalinity as CaCO ₃	mg/l,max	IS 3025(Pt 23):1986	24.36	200
10.	Iron as Fe	mg/l,max	IS 3025 (Pt 53):2003	0.08	1.0
11.	Calcium as Ca	mg/l,max	IS 3025(Pt 40):1991	9.62	75
12.	Magnesium as Mg	mg/l,max	IS 3025(Pt 46):1994	2.92	30
13.	Free Residual Chlorine	mg/l,min	IS 3025 (Pt 26):2021	BDL(MDL-0.1)	0.2
14.	Fluoride as F	mg/l,max	IS 3025(Pt 60):2008	- BDL(MDL-0.2)	1.0
15.	Manganese as Mn	mg/l,max	IS 3025 (Pt 2) : 2019	BDL(MDL-0.01)	0.1
16.	Zinc as Zn	mg/l,max	IS 3025 (Pt 2) : 2019	BDL(MDL-0.01)	5.0
17.	Cadmium as Cd	mg/l,max	IS 3025 (Pt 2) : 2019	BDL(MDL-0.001)	0.003
18.	Lead as Pb	mg/l,max	IS 3025 (Pt 2) : 2019	BDL(MDL-0.005)	0.01

Note:- BDL: Below Detection Limit

MDL: Minimum Detection Limit

*This test report shall not be reproduced except in full, without the written permission of the laboratory. * The liability of the laboratory is to the extent of the testing charges received. *Sampling is not done by the laboratory unless specified. ** The above results are related only to the sample(s) tested unless the sampling is performed by the laboratory. The test report issued by the laboratory shall not be used for advertisement, litigation etc. *The sample will be disposed of after 15 days from the date of issue of test report.

Report No. : EEL/LR/24/0027402/752

Sl. No.	Parameters	Method	Result	Requirement
1.	Total coliform bacteria/100ml	IS 15185 :2016	Absent	Shall not be detectable in any 100ml sample
2.	E.coli or thermotolerant coliform bacteria/100ml	IS 15185 :2016	Absent	Shall not be detectable in any 100ml sample

....End of Report....


Susan Abraham
Technical Manager
Authorised Signatory
Envirodesigns Eco Labs


Jesty M. T.
Dy.Tech. Manager-Microbiology
Authorised Signatory
Envirodesigns Eco Labs



*This test report shall not be reproduced except in full, without the written permission of the laboratory. * The liability of the laboratory is to the extent of the testing charges received. *Sampling is not done by the laboratory unless specified. ** The above results are related only to the sample(s) tested unless the sampling is performed by the laboratory. The test report issued by the laboratory shall not be used for advertisement, litigation etc. *The sample will be disposed of after 15 days from the date of issue of test report.



ENVIRODESIGNS
ECO LABS
(Food Quality / Water / Environmental Testing Lab)



ISO 9001:2015, ISO 45001:2018 Certified organisation
Approved 'A' grade Lab by Kerala State Pollution Control Board
Accredited Lab by NABL as per ISO 17025:2017 (Cert No: TC-7114)
Recognised Lab by Ministry of Environment, Forests & Climate Change (Govt. of India) as per E (P) Act 1986

TEST REPORT

Page 1 of 1

Report No. : EEL/LR/24/0027403/753

Issued To:

Issue Date : November 16, 2024

Mr. Dineesh Vijayan
Orathaniyil House
Kudakkachira P.O
Pala, Kottayam -686635.

Customer ref: - Verbal

Project: - Environmental Monitoring at Granite Building Stone quarry owned by Mr. Dineesh Vijayan for an area of 0.7137 hectares in Resurvey Nos. 140/2, 140/2-1, 140/2-1-1 at Vallichira Village, Meenachil Taluk, Kottayam Dist. Kerala.

Sample receipt form Ref. No. : SRF/SO/11/753 dt. 11.11.2024

Sampling done by: Customer

Sample Particulars: Soil sample

Sample receiving date: November 11, 2024
Analysis starting date: November 11, 2024
Quantity of sample received: 2kg
Packaging details: Plastic cover
GPS coordinates: 9°46' 29.46" N 76°37' 46.43" E.
Tests required: For the parameters listed below;

Lab identification code: SO/11/753
Analysis completion date: November 15, 2024
Description of sample by the customer: Soil sample
(Location: North side)

SAMPLE TESTED AS RECEIVED

Sl. No.	Parameters	Unit	Method	Result
1.	Soil Type	--	SOP No. EEL/WP/SO/08	Sandy clay loam
2.	Colour	--	SOP No. EEL/WP/SO/08	Reddish brown
3.	Moisture Content	%	IS 2720(Pt 2):1973	4.98
4.	Water Holding Capacity	%	Indian Bureau of Mines Analysis of Soil: 2012	54.13
5.	Conductivity	µS/cm	IS 14767:2000	176
6.	pH	--	IS 10158:1982	7.1
7.	Organic Carbon	%	IS 2720(Pt 22):1972	0.31
8.	Total Nitrogen	%	IS 14684:1999	0.13
9.	Phosphorus	mg/kg	SOP No. EEL/WP/SO/10.	148.26
10.	Potassium	mg/kg	SOP No. EEL/WP/SO/10	212.39


Susan Abraham
Technical Manager
Authorised Signatory

.....End of Report.....



Envirodesigns Eco Labs
*This test report shall not be reproduced except in full, without the written permission of the laboratory. * The liability of the laboratory is to the extent of the testing charges received. *Sampling is not done by the laboratory unless specified. ** The above results are related only to the sample(s) tested unless the sampling is performed by the laboratory. The test report issued by the laboratory shall not be used for advertisement, litigation etc. *The sample will be disposed of after 15 days from the date of issue of test report.



ENVIRODESIGNS
ECO LABS
(Food Quality / Water / Environmental Testing Lab)



ISO 9001:2015, ISO 45001:2018 Certified organisation
Approved 'A' grade Lab by Kerala State Pollution Control Board
Accredited Lab by NABL as per ISO 17025:2017 (Cert No: TC-7114)
Recognised Lab by Ministry of Environment, Forests & Climate Change (Govt. of India) as per E (P) Act 1986

TEST REPORT

Page 1 of 2

Report No. : EEL/LR/24/0027404/754

Issued To:

Issue Date : November 16, 2024

Mr. Dineesh Vijayan
Orathaniyil House
Kudakkachira P.O
Pala, Kottayam -686635.

Customer ref: - Verbal

Project: - Environmental Monitoring at Granite Building Stone quarry owned by Mr. Dineesh Vijayan for an area of 0.7137 hectares in Resurvey Nos. 140/2, 140/2-1, 140/2-1-1 at Vallichira Village, Meenachil Taluk, Kottayam Dist. Kerala.

Sample receipt form Ref. No. : SRF/A/11/754 dt. 12.11.2024

Sampling done by: Lab field technicians

Sample Particulars: Ambient Air sample

Date of monitoring : November 11, 2024 to November 12, 2024
Location of monitoring: Ambient Air Monitoring at various locations
Location of sampler : 3.2 m above ground level
Sampling method : Monitoring Protocol No. EEL/ENV/MP/01
Sample receiving date : November 12, 2024
Analysis starting date : November 13, 2024
Lab identification code: A/11/754
Analysis completion date: November 15, 2024
Tests required: For the parameters listed below, as per CPCB guidelines

SAMPLE TESTED AS RECEIVED

Sl. No.	Parameters	Unit	Method	Result				Limit (max)*
				A ₁	A ₂	A ₃	A ₄	
1.	Particulate matter (Size less than 10µm) or PM ₁₀	µg/m ³	IS 5182(Pt 23):2006	81.32	70.14	74.97	77.14	100
2.	Particulate matter (Size less than 2.5µm) or PM _{2.5}	µg/m ³	CPCB guidelines 2011	29.56	24.73	26.80	27.38	60
3.	Sulphur dioxide	µg/m ³	IS: 5182 (Pt 2):2001	7.98	9.53	6.01	7.20	80
4.	Nitrogen dioxide	µg/m ³	IS: 5182 (Pt 6): 2006	10.52	12.85	9.97	13.05	80
5.	Carbon Monoxide (8hrs)	mg/m ³	IS: 5182 (Pt 10): 1999	0.80	0.60	0.70	0.80	2.0

Note:- * Limit applicable for 24 hour Ambient Air Quality monitoring for Industrial, Residential, Rural and other Areas as per National Ambient Air Quality Standards 2009.

A₁- (South side) GPS coordinates : 9°46' 26.47" N 76°37' 46.13" E

A₂-(West side) GPS coordinates : 9°46' 27.51" N 76°37' 43.79" E

A₃- (North side) GPS coordinates : 9°46' 29.46" N 76°37' 46.43" E

A₄-(East side) GPS coordinates : 9°46' 28.30" N 76°37' 47.92" E



*This test report shall not be reproduced except in full, without the written permission of the laboratory. * The liability of the laboratory is to the extent of the testing charges received. *Sampling is not done by the laboratory unless specified. ** The above results are related only to the sample(s) tested unless the sampling is performed by the laboratory. The test report issued by the laboratory shall not be used for advertisement, litigation etc. *The sample will be disposed of after 15 days from the date of issue of test report.

ISO 9001:2015, ISO 45001:2018 Certified organisation
Approved 'A' grade Lab by Kerala State Pollution Control Board
Accredited Lab by NABL as per ISO 17025:2017 (Cert No: TC-7114)
Recognised Lab by Ministry of Environment, Forests & Climate Change (Govt. of India) as per E (P) Act 1986

Page 2 of 2

Report No. : EEL/LR/24/0027404/754

Weather and Meteorological Data

Weather condition: Clear sky

Meteorological Parameters	Max	Min
Temperature (°C)	32	26
Humidity (%)	84	55

Instruments used for Monitoring

- 1) Fine Particulate Sampler (FPS), Make: Envirotech Instruments Pvt. Ltd., Model: APM 550, ID. No. EEL/FPS/06, EEL/FPS/07, EEL/FPS/08, EEL/FPS/09
- 2) Respirable Dust Sampler (RDS), Make: Envirotech, ID. No. : EEL/RDS/06, EEL/RDS/07, EEL/RDS/08
Make: Envirotech, Model: APM 460, ID.No.:EEL/RDS/09
- 3) CO ANALYZER, Make: Endee Engineers, Model :IR-200, ID NO.:EEL/COA/01
- 4) NDIR Portable CO Gas Analyser, Make : ECO TECH Model : SERINUS 30, ID No.: EEL/COA/03

....End of Report.....


Susan Abraham
Technical Manager
Authorised Signatory
Envirodesigns Eco Labs



*This test report shall not be reproduced except in full, without the written permission of the laboratory. * The liability of the laboratory is to the extent of the testing charges received. *Sampling is not done by the laboratory unless specified. ** The above results are related only to the sample(s) tested unless the sampling is performed by the laboratory. The test report issued by the laboratory shall not be used for advertisement, litigation etc. *The sample will be disposed of after 15 days from the date of issue of test report.



NOISE LEVEL MONITORING REPORT

Page 1 of 2

Report No. : EEL/LR/24/0027405/755
Issue Date : November 16, 2024

Issued To:
Mr. Dineesh Vijayan
Orathaniyil House
Kudakkachira P.O
Pala, Kottayam -686635.

Customer ref: - Verbal

Project: - Environmental Monitoring at Granite Building Stone quarry owned by Mr. Dineesh Vijayan for an area of 0.7137 hectares in Resurvey Nos. 140/2, 140/2-1, 140/2-1-1 at Vallichira Village, Meenachil Taluk, Kottayam Dist. Kerala.

Sample receipt form Ref. No. : SRF/N/11/755 dt. 12.11.2024

Monitoring done by: Lab field technicians

Sample Particulars: Noise Level Monitoring

Date of monitoring	: November 11, 2024 to November 12, 2024
Source of monitoring	: Ambient Noise Level monitoring
Sampling method	: Monitoring Protocol No. EEL/ENV/MP/01
Lab identification code	: N/11/755
Method Used	: IS 9989:1981

Presentation of Results

Sl. No.	Time of Monitoring(Hrs)	Value Reported in dB (A) L_{eq}			
		N_1	N_2	N_3	N_4
1.	10.00 – 11.00	53.5	54.1	53.9	54.4
2.	11.00 – 12.00	52.8	53.7	52.8	53.5
3.	12.00 – 13.00	50.9	52.4	50.7	51.9
4.	13.00 – 14.00	50.1	51.8	52.3	52.7
5.	14.00 – 15.00	52.6	50.3	53.7	51.7
6.	15.00 – 16.00	53.9	52.7	52.4	53.9
7.	16.00 – 17.00	52.8	51.9	51.1	52.7
8.	17.00 – 18.00	51.3	50.6	50.5	50.6
9.	18.00 – 19.00	50.7	50.1	50.2	52.3
10.	19.00 – 20.00	49.2	49.8	48.3	51.7
11.	20.00 – 21.00	48.4	46.2	49.1	47.5
12.	21.00 – 22.00	47.6	45.7	46.2	45.9
13.	22.00 – 23.00	44.9	43.5	44.3	44.2
14.	23.00 – 00.00	44.1	42.3	43.2	44.7
15.	00.00 – 01.00	43.5	40.9	42.7	41.3
16.	01.00 – 02.00	42.1	41.7	41.5	40.7
17.	02.00 – 03.00	41.7	42.8	40.1	41.5

*This test report shall not be reproduced except in full, without the written permission of the laboratory. * The liability of the laboratory is to the extent of the testing charges received. *Sampling is not done by the laboratory unless specified. ** The above results are related only to the sample(s) tested unless the sampling is performed by the laboratory. The test report issued by the laboratory shall not be used for advertisement, litigation etc. *The sample will be disposed of after 15 days from the date of issue of test report.

ISO 9001:2015, ISO 45001:2018 Certified organisation
Approved 'A' grade Lab by Kerala State Pollution Control Board
Accredited Lab by NABL as per ISO 17025:2017 (Cert No: TC-7114)
Recognised Lab by Ministry of Environment, Forests & Climate Change (Govt. of India) as per E (P) Act 1986

Page 2 of 2

Report No. : EEL/LR/24/0027405/755

Sl. No.	Time of Monitoring(Hrs)	Value Reported in dB (A) L_{eq}			
		N ₁	N ₂	N ₃	N ₄
18.	03.00 – 04.00	42.9	43.1	41.8	42.2
19.	04.00 – 05.00	43.5	43.9	42.4	43.8
20.	05.00 – 06.00	44.2	44.4	43.7	44.6
21.	06.00 – 07.00	47.9	45.4	46.8	45.9
22.	07.00 – 08.00	49.3	48.2	47.2	49.2
23.	08.00 – 09.00	50.2	51.9	50.7	52.8
24.	09.00 – 10.00	51.7	53.3	52.5	53.7

Note: N₁- (South side) GPS coordinates : 9°46' 26.47" N 76°37' 46.13" E
N₂- (West side) GPS coordinates : 9°46' 27.51" N 76°37' 43.79" E
N₃- (North side) GPS coordinates : 9°46' 29.46" N 76°37' 46.43" E
N₄- (East side) GPS coordinates : 9°46' 28.30" N 76°37' 47.92" E

LIMIT AS PER NOISE POLLUTION (REGULATION AND CONTROL) RULES, 2000				
	Industrial Area	Commercial Area	Residential Area	Silence Zone
Day Time	75	65	55	50
Night Time	70	55	45	40

Note: Day time means - 6.00 AM to 10.00 PM Night time means - 10.00 PM to 6.00 AM

Instrument used for Monitoring

Name of Instrument : Sound Level Meter, Make: Cygnet, Model: 2511, ID No. : EEL/SLM/02

....End of Report.....


Susan Abraham
Technical Manager
Authorised Signatory
Envirodesigns Eco Labs



*This test report shall not be reproduced except in full, without the written permission of the laboratory. * The liability of the laboratory is to the extent of the testing charges received. *Sampling is not done by the laboratory unless specified. ** The above results are related only to the sample(s) tested unless the sampling is performed by the laboratory. The test report issued by the laboratory shall not be used for advertisement, litigation etc. *The sample will be disposed of after 15 days from the date of issue of test report.

FILE NO : KSPCB/KT/ICO/10013949/2022

Date of issue : 08-11-2022



KERALA STATE POLLUTION CONTROL BOARD

CONSENT TO

OPERATE/AUTHORISATION/REGISTRATION

ISSUED UNDER

The Water (Prevention & Control of Pollution) Act, 1974

The Air (Prevention & Control of Pollution) Act, 1981

and

The Environment (Protection) Act, 1986

As per Application No. : 10013949

Dated : 25-10-2022

To

**GRANITE BUILDING STONE QUARRY OF Mr. DINEESH VIJAYAN
KUDAKKACHIRA P O , KOTTAYAM**

Consent No. : KSPCB/KT/ICO/10013949/2022

Valid Upto : 30-09-2027

1. GENERAL

1.1. This integrated consent is granted subject to the power of the Board to withdraw consent, review and make variation in or revoke all or any of the conditions as the Board deems fit

1	VALIDITY	30-09-2027
2	Name and Address of the establishment	GRANITE BUILDING STONE QUARRY OF Mr. DINEESH VIJAYAN KUDAKKACHIRA P O , KOTTAYAM E-Mail : onlinepcbktm@gmail.com Contact Number : 9497235695
3	Occupier Details	DINEESH VIJAYAN ORATHANIYIL HOUSE , KUDAKKACHIRA P O , PALA , KOTTAYAM E-Mail : onlinepcbktm@gmail.com Contact Number :
4	Local Body	KAROOR
5	Survey Number	140/2 , 140/2-1 , 140/2-1-1
6	Village	Vallichira
7	Taluk	Meenachil
8	District	KOTTAYAM
9	Capital Investment(Rs in Lakhs)	100.0
10	Scale	Small
11	Category	RED
12	Annual fee(Rs)	25000.0
	Total Fee remitted(Rs)	125000.0
13	Activity	GRANITE BUILDING STONE- 105.01 Metric Tonnes/Day
14	Machinery details	

2. Conditions as Per The Water(Prevention and Control of Pollution)Act, 1974

2.1 In case of generation of trade effluent from the industry, effluent treatment system consisting of treatment units having adequate capacity established as per the proposal submitted along with the application shall be made functional before commissioning. Additional facilities required, if any, to achieve the standards laid down by the Board u/s 17(1) (g) of the Water Act shall also be made along with.

2.2 Water Consumption: 5600 LPD

2.3 Effluent Generation: 2400LPD

2.4 Sewage / waste water with only organic contaminant if any, generated in the unit, shall be discharged through scientifically designed septic tank and soak pit system as per the follows IS code.

i. Septic tank as per IS 2470 (Part 1): 1985.

ii. Soak pit with sealed bottom, honey comb side wall 65 cm thick 2 mm sand all around.

Mode of disposal of treated effluent: Soak pit

2.5 Soak pit shall be at least 10 m away from the water intake well/nearby drinking water wells

3. Conditions as Per The Air(Prevention and Control of Pollution)Act, 1981

3.1 Adequate air pollution control measures shall be provided before commissioning of the industry. Additional facilities required, if any, to achieve the standards laid down by the Board shall also be installed.

3.2 Emission characteristics shall not exceed ambient air quality specified by national air quality standard

3.3 All operations likely to produce dust or noise shall be carried out within sufficiently closed and insulated area

3.4 The PM₁₀ in ambient air at the boundary shall not exceed 100 microgram / m³

3.5 The PM_{2.5} in ambient air at the boundary shall not exceed 60 microgram/m³

3.6 There shall not be any fugitive emission from the premises

3.7 The D. G. sets shall be provided with a minimum chimney height $0.2\sqrt{\text{KVA}}$ meters above roof level of the highest nearby building (Where KVA is the capacities of all DG sets). The D. G. sets shall be placed at a minimum distance of $\sqrt{\text{KVA}/2}$ meters from the neighbouring residences / worship places / institutions (where KVA is the capacity of DG sets).

4. Conditions as Per The Environment (Protection) Act, 1986.

4.1 The construction activities shall be carried out strictly in compliance with the provisions of the

NoisePollution (Regulation and Control)Rules 2000.The sound level measured 1 m outside the boundary of theunit shall not exceed the National ambient noise standards applicable to adjoining area.

4.2 Used lead acid batteries shall be disposed of as per the Batteries (Management and Handling) Rules,2001

4.3 Hazardous waste generated, if any, shall be handled as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.:NA

4.4 e-waste shall be disposed of safely as per the E-Waste (Management) Rules, 2016.

4.5 Proper Solid waste management system shall be provided in the unit, arrangements for collection,segregation, storage, handling and disposal of solid Waste including garbage shall be provided as per SWMRules 2016 and the facility shall be maintained properly.

5.GENERAL CONDITIONS

5.1 This consent is granted subject to the power of the Board to review and make variations in all or any ofthe conditions as per section 21(6) of the Air (Prevention & Control) of pollution Act 1981 & section 27 of the water (Prevention &control) of pollution Act 1974.

5.2 Green belt of sufficient height shall be provided with fast growing species such as bamboos forpreventing dust and noise pollution.

5.3 For renewal of the consent in case of continuance of operation of the industry, application in theprescribed form shall be submitted through the web portal of the Board for renewing the Consent on orbefore two months in advance to expiry date. Late application will be accepted with 10%(for applicationbefore expiry date) & 50% of yearly fee as late fee for application after due date.

5.4. The occupier shall comply with all the environmental rules and the related act stipulated by thegovernment, relevant instructions issued by the Board in time to time for the prevention and control ofpollution and protection of environment.

5.5 No change or alteration of the unit or equipment capacity shall be made without the prior permission ofthe Board. Any change in the particulars furnished in the references or in the identity of the occupier / authorised agent is to be intimated to the Board forthwith.

5.6 Adequate green cover and green belt shall be provided in the unit with continual improvement ofnumber of trees and vegetation in and around the campus. Nonconventional energy sources (solar, wind,biogas, etc) shall be utilized to the maximum extent to meet the energy need.

5.7 Location of the unit shall be as shown in the drawing attached. No change or alteration to the above shallbe made without obtaining prior permission from the board.

5.8 Maintain hygienic condition and good housekeeping practices shall be maintained in and around theunit.

5.9 Set back as per rules shall be provided between the boundary and the building.

5.10 This consent is granted based on the particulars and affidavit submitted by the Entrepreneur and any violation/non-compliance/submission of false information will lead to cancellation of consent and stringent action against the applicant and occupier. In the case of noncompliance of integrated consent conditions, the consent issued will be withdrawn/cancelled, and fee will be lapsed automatically.

5.11 The consented shall put up a sign board of size 6x4 ft. near the main entrance of the plant to display the name of the unit and important consent conditions.

5.12 The occupier shall comply with all the environmental rules and the related act stipulated by the government, relevant instructions Board may issue from time to time for the prevention and control of pollution and protection of environment.

5.13 Arrangements of rain water harvesting including open pond/ well / Bore well/ Ground water recharging shall be provided. Rain water harvesting facility shall be installed in the unit within three months and photos of the same shall be submitted in this office via e-mail: onlinepcbktm@gmail.com.

6. SPECIFIC CONDITIONS

6.1 “The consent issued from the Board will be valid only for a period during the period when all other statutory or necessary clearances from other concerned authorities are valid. The consent issued from the Board is only with respect to the powers vested under the Water Act, 1974, Air Act 1981 and Rules there under. The operation of the unit shall be commenced only after obtaining clearances from all concerned authorities”.

6.2 All the Conditions given in the Environmental clearance shall be strictly complied with, A copy of compliance report shall be submitted to the district office in regular interval specified in the EC.

6.3 Mining shall be only done as per the approved mining plan and approval of district geologist.

6.4 Annual environmental statement shall be submitted on or before 31 st March every year.

6.5 Regular wetting of the road in the premises of the unit quarry and approach roads near the quarry shall be done for avoiding excessive dust emission within and outside the boundary.

6.6 There shall not carry out any mining activity between 6.00 pm to 6.00 am.

6.7 There shall be a minimum distance of 50m from boundary of quarry operating area to residential building, place of worship, public buildings, public road having vehicular traffic, river or lake, railway line, bridges etc as per PCB/HO/CIRCULAR-01/03/2017, dated 10/10/2017.

6.8 Boundary shall be fenced before operation of quarrying activities.

6.9 Suitable species of trees and curtain plants shall be planted and maintained within and along the periphery of the premises, forming a green belt to improve the environment. And reduce air and noise pollution.

6.10 Bench cutting method shall be adopted for quarrying. Blasting shall be done with electronic detonators and prior signals in specified time.

6.11 Quarrying operations shall be started only after obtaining Mining permit/lease from Mining & Geology Department and D & O License under the Kerala Panchayat Raj Act from the concerned Local Self Government.

6.12 Adequate safety measures shall be provided in accordance with the fire & safety regulations.

6.13 After completion of mining, the mining area shall be reclaimed as per approved mine closure plan.

6.14 Mining below normal water table by continuous pumping shall be avoided in summer period (March, April & May) to prevent drinking water shortage in that area.

6.15 No other machineries, other than that specified in the consent shall be operated in the quarry without prior Consent of the Board.

Digitally signed by Biju B
Date: 2022.11.08 16:10:37 IST

SIGNATURE OF ISSUING AUTHORITY

ENVIRONMENTAL ENGINEER

Bs. 2735/19
DISTRICT : KOTTAYAM
TALUK : MEENACHIL
VILLAGE : VALLICHIRA

SURVEY MAP

SY :140/2-1-1,140/2,140/2-1

APPLIED BY:- DINEESH V ORATHANIYIL (H)
 KUDAKKACHIRA (PO) KUDAKKACHIRA
 PIN:686635, KOTTAYAM (DIS) KERALA,
 MOB:949723569

NO	LATITUDE (N)	LONGITUDE (E)
BP1	9°46'29.46"N	76°37'46.43"E
BP2	9°46'28.82"N	76°37'45.71"E
BP3	9°46'28.53"N	76°37'45.17"E
BP4	9°46'27.51"N	76°37'43.79"E
BP5	9°46'26.37"N	76°37'43.53"E
BP6	9°46'26.74"N	76°37'45.40"E
BP7	9°46'26.47"N	76°37'46.13"E
BP8	9°46'26.78"N	76°37'47.46"E
BP9	9°46'27.22"N	76°37'47.45"E
BP10	9°46'28.30"N	76°37'47.92"E
BP11	9°46'28.92"N	76°37'46.74"E

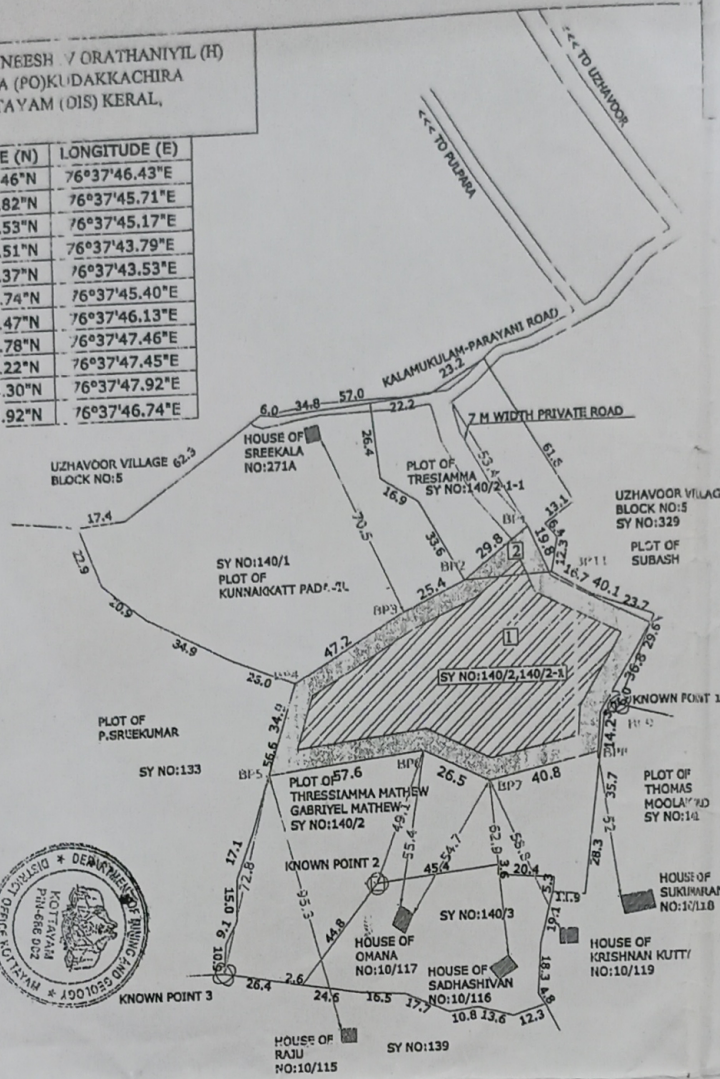
Verified by,

AE4

LJO ROY

Assistant Engineer

District Office Kottayam



COUNTER SIGNED
 TAHSILDAR MEENACHIL

THIS PLAN IS ISSUED TO SUBMIT BEFORE MINING & GEOLOGY DEPARTMENT /
 DISTRICT ENVIRONMENTAL IMPACT ASSESSMENT AUTHORITY

PROPERTY DETAILS							
NO.	BLOCK NO.	THANDAPPER	DOC. NO.	SY. NO.	IN POSSESSION	BUFFER AREA	MINING AREA
1	20	5369	1872/1/6	140/2-1	0.1832 Ha	0.2428 Ha	0.4422 Ha
2	20	5011	205/111/2011	140/2	1.0598 Ha	0.0260 Ha	0.0027 Ha
TOTAL AREA:					1.2430 Ha	0.2688 Ha	0.4449 Ha

LEGEND	
	PROPOSED PERMIT INCLUDING BUFFER AREA
	SURVEY LINE
	HOUSE/BUILDING
	7M WIDTH PRIVATE ROAD
	PANCHAYATH/PW ROAD
	SURVEY STONE/BLOCK MARK

പ്രാർത്ഥന: ഞങ്ങൾ ഏകദേശം 50 ഓളം ചുറ്റളവിലുള്ള ഭൂമിയിൽ മിനറൽ ഓർഗനൈസിംഗ് ഓഫീസിൽ നിന്നും പട്ടണത്തിൽ നിന്നും 11KV വൈദ്യുതി ലൈൻ കൂടെ ഉൾക്കൊള്ളുന്ന ഒരു ചെറിയ തൊഴിൽ മേഖലയെക്കുറിച്ച് വിവരങ്ങൾ നൽകുന്നതിനായി സർക്കാർ അനുമതി അഭ്യർത്ഥിക്കുന്നു. ഭൂമിയിലെ പട്ടണത്തിൽ നിന്നും 11KV വൈദ്യുതി ലൈൻ കൂടെ ഉൾക്കൊള്ളുന്ന ഒരു ചെറിയ തൊഴിൽ മേഖലയെക്കുറിച്ച് വിവരങ്ങൾ നൽകുന്നതിനായി സർക്കാർ അനുമതി അഭ്യർത്ഥിക്കുന്നു. ഞങ്ങൾ വിവരങ്ങൾ നൽകുന്നതിനായി സർക്കാർ അനുമതി അഭ്യർത്ഥിക്കുന്നു.

PROPOSED PERMIT AREA- 0.7137 Ha
 BUFFER INCLUDING BUFFER AREA
 MINING AREA- 0.4449 Ha
 SCALE: 1:15M

VILLAGE OFFICER
 VALLICHIRA
 PIN-686 674.